


# FEMA Elevation Certificate

 <b>FEMA</b> <i>National Flood Insurance Program</i>  <b>ELEVATION CERTIFICATE</b>  <b>AND</b>  <b>INSTRUCTIONS</b>
FEMA Form 086-0-33 (7/15) Replaces all previous editions. Page 1 of 15

U.S. DEPARTMENT OF HOMELAND SECURITY FEDERAL EMERGENCY MANAGEMENT AGENCY National Flood Insurance Program <b>ELEVATION CERTIFICATE</b> OMB Control Number: 1050-0008 Expiration: 11/02/2018		
Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.		
<b>SECTION A - PROPERTY INFORMATION</b>		<b>FOR INSURANCE COMPANY USE</b>
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="radio"/> NAD 1927 <input type="radio"/> NAD 1983		
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.		
A7. Building Diagram Number _____		
A8. For a building with a crawlspace or enclosure(s):		A9. For a building with an attached garage:
a) Square footage of crawlspace or enclosure(s) _____ sq ft		a) Square footage of attached garage _____ sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____		b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A8.b _____ sq in		c) Total net area of flood openings in A9.b _____ sq in
d) Engineered flood openings? <input type="radio"/> Yes <input type="radio"/> No		d) Engineered flood openings? <input type="radio"/> Yes <input type="radio"/> No
<b>SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION</b>		
B1. NFIP Community Name & Community Number	B2. County Name	B3. State
B4. Map/Panel Number B5. Gutter B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)
		B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in item B5: <input type="radio"/> FIS Profile <input type="radio"/> FIRM <input type="radio"/> Community Determined <input type="radio"/> Other/Source: _____		
B11. Indicate elevation datum used for BFE in item B5: <input type="radio"/> NGVD 1929 <input type="radio"/> NAVD 1988 <input type="radio"/> Other/Source: _____		
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="radio"/> Yes <input type="radio"/> No Designation Date: <input type="radio"/> CBRS <input type="radio"/> OPA		
<b>SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)</b>		
C1. Building elevations are based on: <input type="radio"/> Construction Drawings* <input type="radio"/> Building Under Construction* <input type="radio"/> Finished Construction* * A new Elevation Certificate will be required when construction of the building is complete.		
C2. Elevations: Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete items C2.a-h below according to the building diagram specified in item A7. In Puerto Rico only, enter meters.		
Benchmark Utilized: _____ Vertical Datum: _____		
Indicate elevation datum used for the elevations in items a) through h) below: <input type="radio"/> NGVD 1929 <input type="radio"/> NAVD 1988 <input type="radio"/> Other/Source: _____		
Datum used for building elevations must be the same as that used for the BFE. Check the measurement used.		
a) Top of bottom floor (including basement, crawlspace, or enclosure floor) _____ - _____ <input type="radio"/> feet <input type="radio"/> meters		
b) Top of the next higher floor _____ - _____ <input type="radio"/> feet <input type="radio"/> meters		
c) Bottom of the lowest horizontal structural member (V Zones only) _____ - _____ <input type="radio"/> feet <input type="radio"/> meters		
d) Attached garage (top of slab) _____ - _____ <input type="radio"/> feet <input type="radio"/> meters		
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) _____ - _____ <input type="radio"/> feet <input type="radio"/> meters		
f) Lowest adjacent (finished) grade next to building (LAG) _____ - _____ <input type="radio"/> feet <input type="radio"/> meters		
g) Highest adjacent (finished) grade next to building (HAG) _____ - _____ <input type="radio"/> feet <input type="radio"/> meters		
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support _____ - _____ <input type="radio"/> feet <input type="radio"/> meters		
FEMA Form 086-0-33 (7/15) Replaces all previous editions. Page 3 of 15		

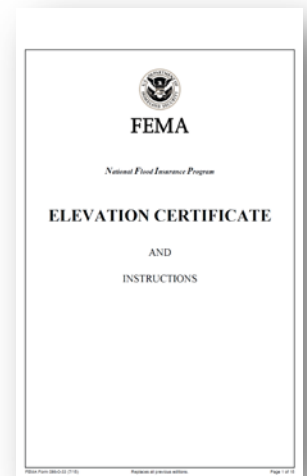


FEMA



# FEMA Elevation Certificate

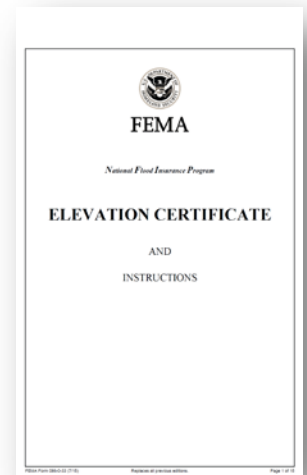
- ✓ Required to rate post-FIRM and some pre-FIRM buildings
- ✓ Determine compliance with floodplain management ordinance
- ✓ Support LOMA/LOMR-F
- ✓ Prerequisite for the CRS




# FEMA Elevation Certificate

Current Version: FEMA Form 086-0-33 (7/15)  
Mandatory for use after \_\_\_\_\_

- ✓ Good until the 11/30/2018 expiration date
- ✓ Download from FEMA.gov
- ✓ PDF and PDF fillable versions



# FEMA Elevation Certificate

  
**FEMA**  
*National Flood Insurance Program*

**ELEVATION CERTIFICATE**

AND

**INSTRUCTIONS**

FEMA Form 086-0-33 (7/15) Replaces all previous editions. Page 1 of 15

U.S. DEPARTMENT OF HOMELAND SECURITY  
FEDERAL EMERGENCY MANAGEMENT AGENCY  
National Flood Insurance Program  
**ELEVATION CERTIFICATE**  
OMB Control Number: 1050-0008  
Expiration: 11/02/2018

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

**SECTION A - PROPERTY INFORMATION**

A1. Building Owner's Name \_\_\_\_\_

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. \_\_\_\_\_

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: ☐ NAD 1927 ☐ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number \_\_\_\_\_

A8. For a building with a crawlspace or enclosure(s): \_\_\_\_\_

A9. For a building with an attached garage: \_\_\_\_\_

a) Square footage of crawlspace or enclosure(s) \_\_\_\_\_ sq ft

a) Square footage of attached garage \_\_\_\_\_ sq ft

b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade \_\_\_\_\_

b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade \_\_\_\_\_

c) Total net area of flood openings in A8.b \_\_\_\_\_ sq in

c) Total net area of flood openings in A9.b \_\_\_\_\_ sq in

d) Engineered flood openings? ☐ Yes ☐ No

d) Engineered flood openings? ☐ Yes ☐ No

**SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION**

B1. NFIP Community Name & Community Number \_\_\_\_\_

B2. County Name \_\_\_\_\_

B3. State \_\_\_\_\_

B4. Map/Panel Number B5. Gutter B6. FIRM Index Date B7. FIRM Panel Effective/Revised Date B8. Flood Zone(s) B9. Base Flood Elevation(s) (Zone AO, use base flood depth)

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in item B9:  
☐ FIS Profile ☐ FIRM ☐ Community Determined ☐ Other/Source: \_\_\_\_\_

B11. Indicate elevation datum used for BFE in item B9: ☐ NGVD 1929 ☐ NAVD 1988 ☐ Other/Source: \_\_\_\_\_

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☐ No  
Designation Date: ☐ CBRS ☐ OPA

**SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)**

C1. Building elevations are based on: ☐ Construction Drawings\* ☐ Building Under Construction\* ☐ Finished Construction\*  
\* A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations: Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete items C2.a-h below according to the building diagram specified in item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: \_\_\_\_\_ Vertical Datum: \_\_\_\_\_

Indicate elevation datum used for the elevations in items a) through h) below: ☐ NGVD 1929 ☐ NAVD 1988  
☐ Other/Source: \_\_\_\_\_

Datum used for building elevations must be the same as that used for the BFE. Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor) \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

b) Top of the next higher floor \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

c) Bottom of the lowest horizontal structural member (V Zones only) \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

d) Attached garage (top of slab) \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

f) Lowest adjacent (finished) grade next to building (LAG) \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

g) Highest adjacent (finished) grade next to building (HAG) \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

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# FEMA Elevation Certificate

*Manual Pages 310-7 – 8*

## Checklist in the 2013 *Manual* still good

### SECTION A—PROPERTY INFORMATION

A2 and A3

Complete street address or property description. In either case, the city, state, and zip code must be listed.

A6 Photographs: Photographs are not required for CRS credit. However, they are required for writing a flood insurance policy and they can be very helpful for compliance records.

A7 Building diagram number.

A8 a), b), and c) Enclosure and crawl space information for buildings that are diagram 6, 7, 8, or 9.

A9 a), b), and c) Attached garage information. If there is no attached garage, enter “N/A” in all three spaces. If there is an attached garage and there are no openings, the correct entry is “zero,” even if the garage is above the BFE.

A8 and

A9 If the square footage of the crawlspace or garage is larger than the square inches of the openings AND “(d) Engineered flood openings” is checked “yes,” then there must be a certification by a registered design professional or a copy of the ICC Evaluation Service report.

### SECTION B—FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1 NFIP community name/community number.

B4 Map AND panel number.

B5 Panel number suffix. If the property is in an area revised by a LOMR, then B4, B5, and B7 must all be completed based on the LOMR.

B7 FIRM panel effective/revised date.



# FEMA Elevation Certificate

U.S. DEPARTMENT OF HOMELAND SECURITY  
FEDERAL EMERGENCY MANAGEMENT AGENCY  
National Flood Insurance Program

## ELEVATION CERTIFICATE

**IMPORTANT:** FOLLOW THE INSTRUCTIONS ON PAGES 8-15

OMB Control Number: 1660-0008

Expiration: 11/30/2018

Copy all pages of this Elevation Certificate and all attachments 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. <b>Either A2 or A3 must be completed, with City, State, and Zip</b>		Company NAIC Number:	
City	State	Zip Code	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <b>Either A2 or A3 must be completed, with City, State, and Zip</b>			
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)			
A5. Latitude/Longitude: Lat. _____ Long. _____ Horizontal Datum: <input type="radio"/> NAD 1927 <input type="radio"/> NAD 1983			
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.			
A7. Building Diagram Number <b>Must be full Diagram Number (e.g., "1A" or "1B," not just "1")</b>			
A8. For a building with a crawlspace or enclosure(s): <b>If there is no crawlspace, enclosure, or garage, enter "N/A" in the blanks</b>		A9. For a building with an attached garage:	
a) Square footage of crawlspace or enclosure(s) _____ sq ft	a) Square footage of attached garage _____ sq ft		
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____	b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____		
c) Total net area of flood openings in A8.b _____ sq in		c) Total net area of flood openings in A9.b _____ sq in	
d) Engineered flood openings? <input type="radio"/> Yes <input type="radio"/> No		d) Engineered flood openings? <input type="radio"/> Yes <input type="radio"/> No	

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U.S. DEPARTMENT OF HOMELAND SECURITY  
FEDERAL EMERGENCY MANAGEMENT AGENCY  
*National Flood Insurance Program*

## ELEVATION CERTIFICATE

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City	State	Zip Code
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <b>Either A2 or A3 must be completed, with City, State, and Zip</b>		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)		
A5. Latitude/Longitude: Lat. _____ Long. _____ Horizontal Datum: <input type="radio"/> NAD 1927 <input type="radio"/> NAD 1983		
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.		

Not needed for local permits or CRS  
(But still a good idea)



FEMA



# FEMA Elevation Certificate

**Manual Page 310-7**

U.S. DEPARTMENT OF HOMELAND SECURITY  
FEDERAL EMERGENCY MANAGEMENT AGENCY  
*National Flood Insurance Program*

## ELEVATION CERTIFICATE

**IMPORTANT:** FOLLOW THE INSTRUCTIONS ON PAGES 8-15

OMB Control Number: 1660-0008  
Expiration: 11/30/2018

Copy all pages of this Elevation Certificate and all attachments 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

**CRS EC Checklist**

Policy Number:

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. **Either A2 or A3 must be completed, with City, State, and Zip**

Company NAIC Number:

City

State

Zip Code

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)

**Either A2 or A3 must be completed, with City, State, and Zip**

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)

A5. Latitude/Longitude: Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Horizontal Datum: ☐ NAD 1927 ☐ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number **Must be full Diagram Number (e.g., "1A" or "1B," not just "1")**



# FEMA Elevation Certificate

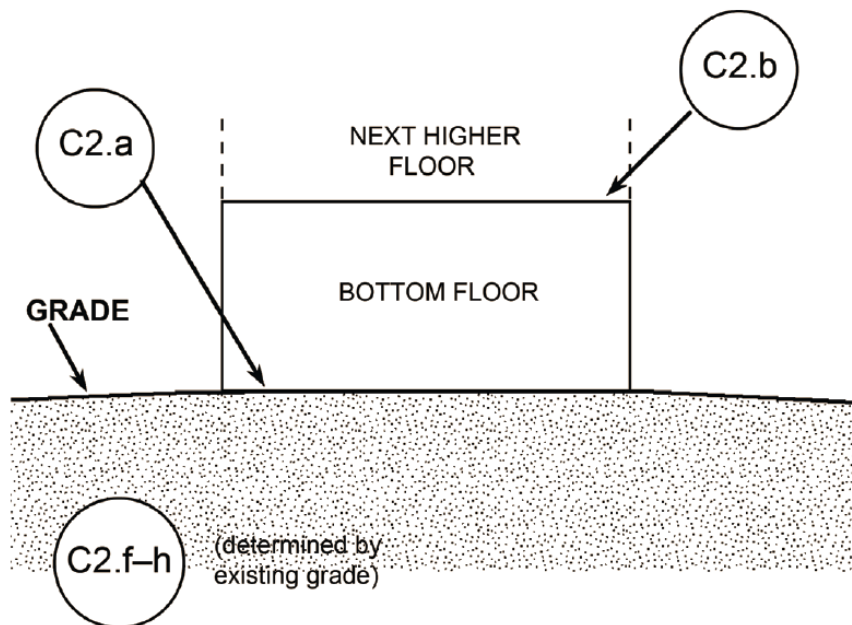
## Elevation Certificate Instructions Page 13

### Diagram 1A = slab-on-grade

**DIAGRAM 1A**

All slab-on-grade single- and multiple-floor buildings (other than split-level) and high-rise buildings, either detached or row type (e.g., townhouses); with or without attached garage.

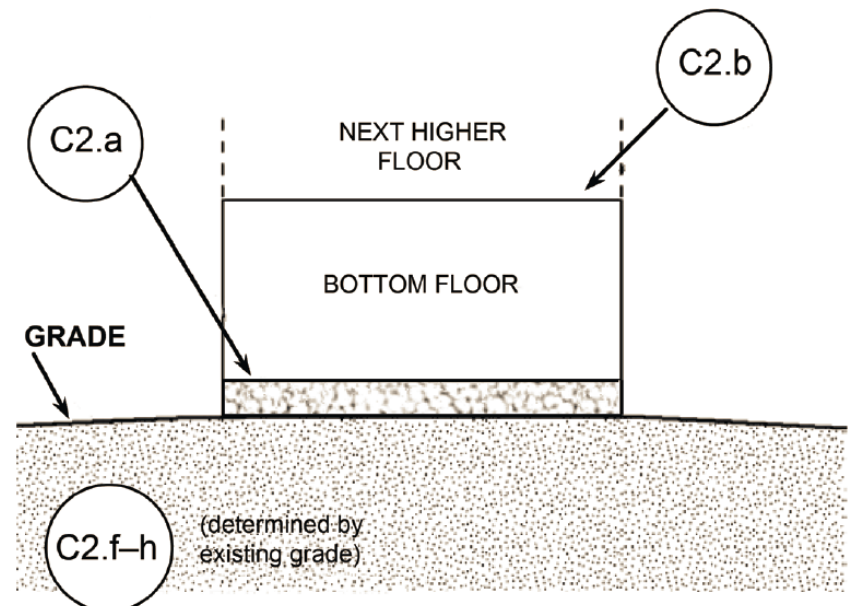
**Distinguishing Feature** - The bottom floor is at or above ground level (grade) on at least 1 side.\*



**DIAGRAM 1B**

All raised-slab-on-grade or slab-on-stem-wall-with-fill single and multiple-floor buildings (other than split-level), either detached or row type (e.g., townhouses); with or without attached garage.

**Distinguishing Feature** - The bottom floor is at or above ground level (grade) on at least 1 side.\*



# FEMA Elevation Certificate

## Elevation Certificate Instructions Page 13

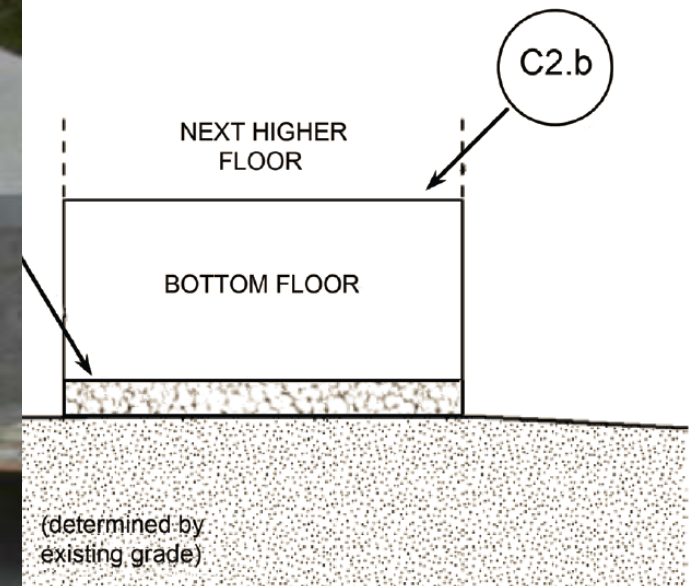
Diagram 1B = raised slab or foundation wall with fill



**DIAGRAM 1B**

Slab-on-grade or slab-on-stem-wall-with-fill single floor buildings (other than split-level), either row type (e.g., townhouses); with or without garage.

**Feature** - The bottom floor is at or above ground level on at least 1 side.\*



# FEMA Elevation Certificate

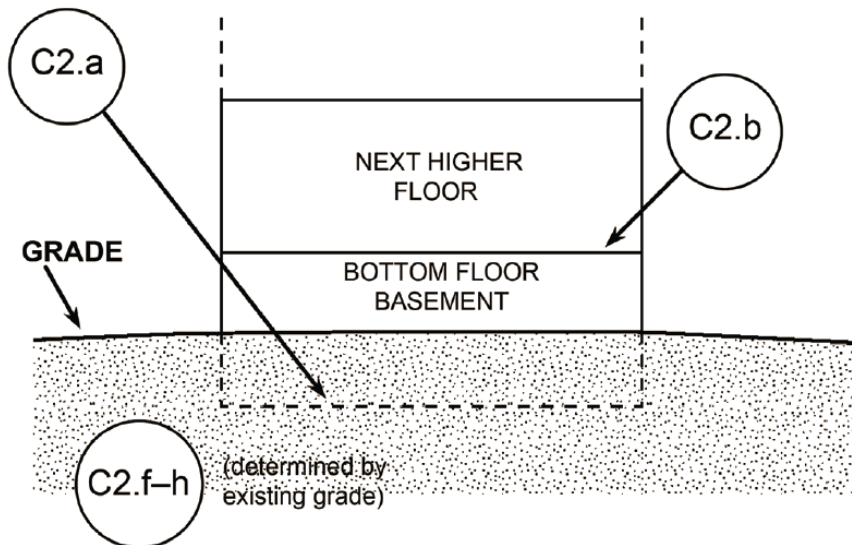
## Elevation Certificate Instructions Page 13

### Diagram 2A = full basement

**DIAGRAM 2A**

All single- and multiple-floor buildings with basement (other than split-level) and high-rise buildings with basement, either detached or row type (e.g., townhouses); with or without attached garage.

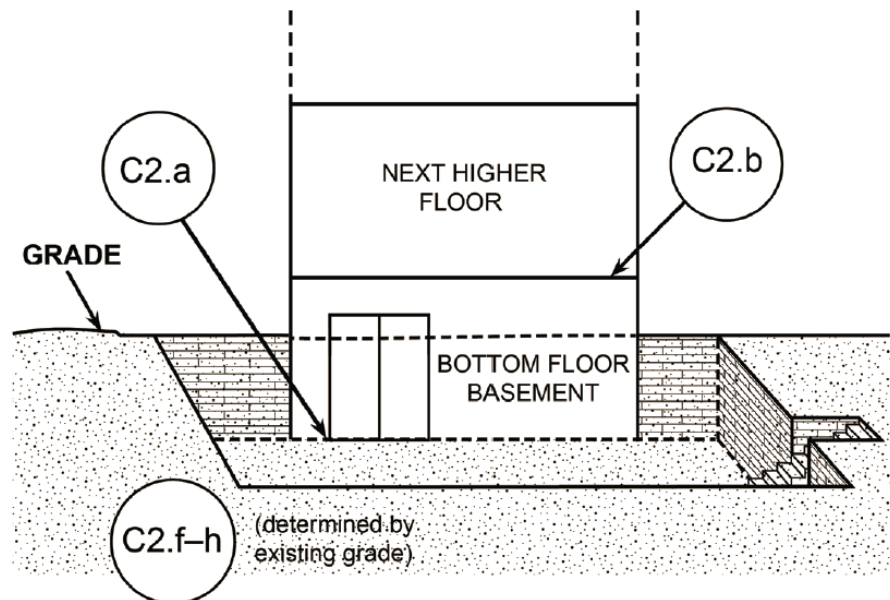
**Distinguishing Feature** - The bottom floor (basement or underground garage) is below ground level (grade) on all sides.\*



**DIAGRAM 2B**

All single- and multiple-floor buildings with basement (other than split-level) and high-rise buildings with basement, either detached or row type (e.g., townhouses); with or without attached garage).

**Distinguishing Feature** - The bottom floor (basement or underground garage) is below ground level (grade) on all sides; most of the height of the walls is below ground level on all sides; and the door and area of egress are also below ground level on all sides.\*



# FEMA Elevation Certificate

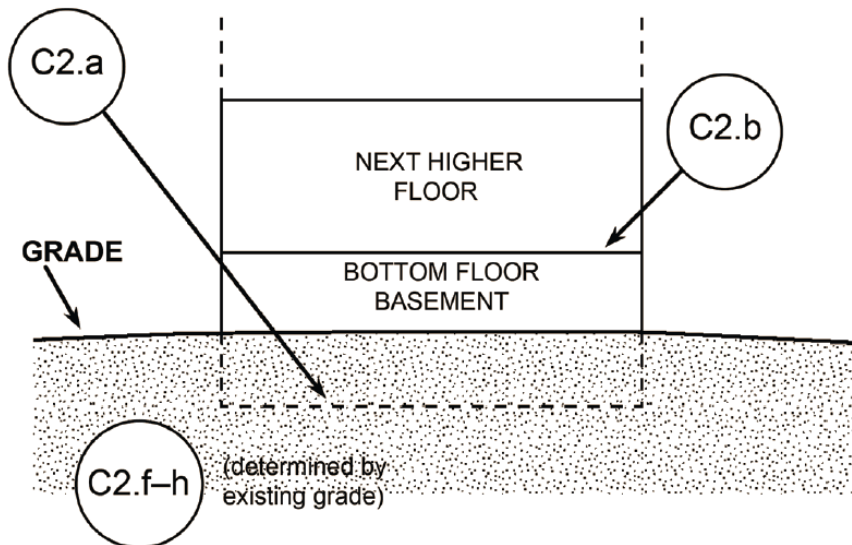
## Elevation Certificate Instructions Page 13

### Diagram 2B = full basement, door below ground level

**DIAGRAM 2A**

All single- and multiple-floor buildings with basement (other than split-level) and high-rise buildings with basement, either detached or row type (e.g., townhouses); with or without attached garage.

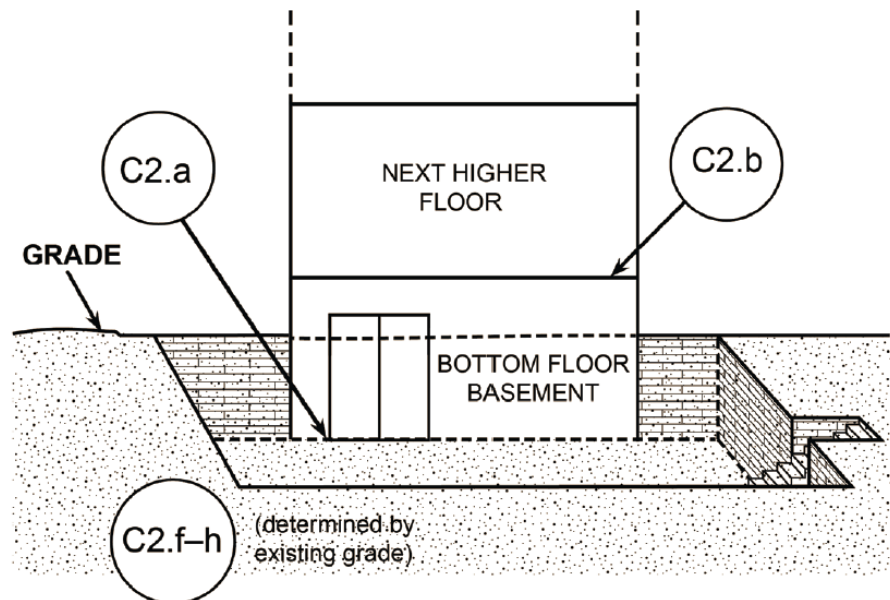
**Distinguishing Feature** - The bottom floor (basement or underground garage) is below ground level (grade) on all sides.\*



**DIAGRAM 2B**

All single- and multiple-floor buildings with basement (other than split-level) and high-rise buildings with basement, either detached or row type (e.g., townhouses); with or without attached garage).

**Distinguishing Feature** - The bottom floor (basement or underground garage) is below ground level (grade) on all sides; most of the height of the walls is below ground level on all sides; and the door and area of egress are also below ground level on all sides.\*





# FEMA Elevation Certificate

Elevation Certificate Instructions Page 13

Diagram 2B = full basement, door below ground level



# FEMA Elevation Certificate

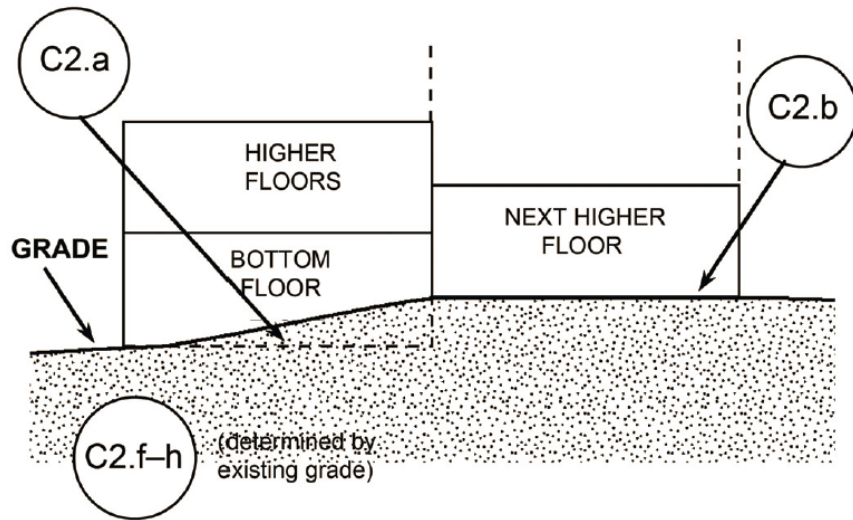
## Elevation Certificate Instructions Page 14

### Diagrams 3 & 4 = Split levels

**DIAGRAM 3**

All split-level buildings that are slab-on-grade, either detached or row type (e.g., townhouses); with or without attached garage.

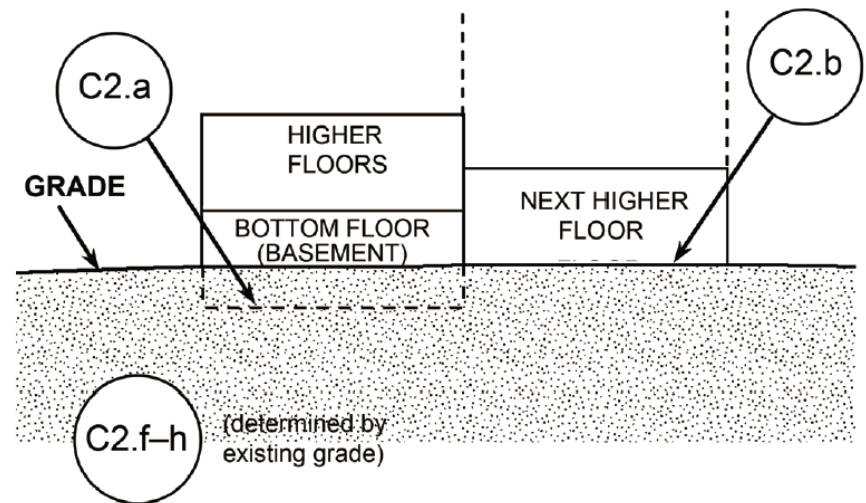
**Distinguishing Feature** - the bottom floor (excluding garage) is at or above ground level (grade) on at least 1 side. \*



**DIAGRAM 4**

All split-level buildings (other than slab-on-grade), either detached or row type (e.g., townhouses); with or without attached garage.

**Distinguishing Feature** - The bottom floor (basement or underground garage) is below ground level (grade) on all sides. \*



# FEMA Elevation Certificate

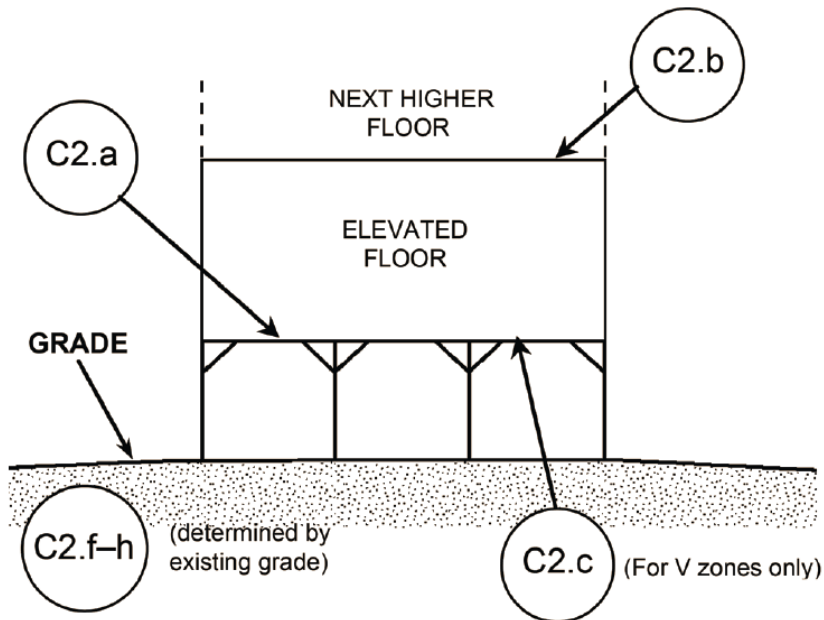
## Elevation Certificate Instructions Page 14

Diagrams 5 & 6 = Elevated on piers, posts, piles, etc.

**DIAGRAM 5**

All buildings elevated on piers, posts, piles, columns, or parallel shear walls. No obstructions below the elevated floor.

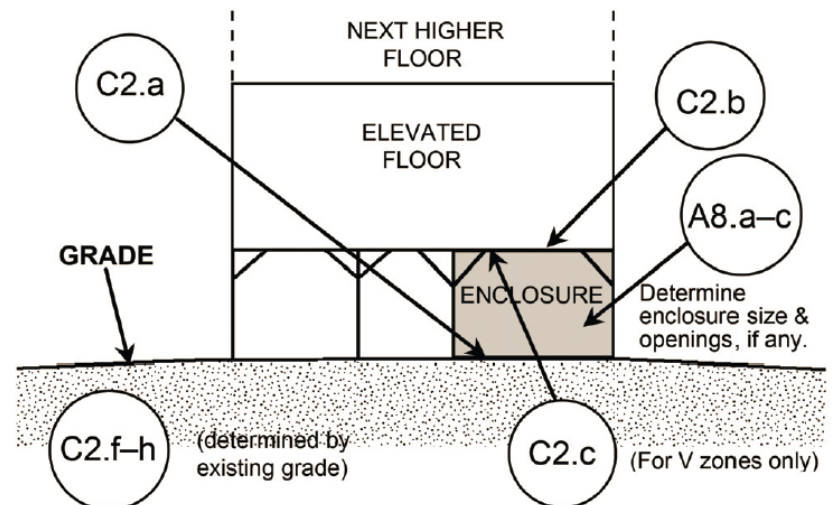
**Distinguishing Feature** - For all zones, the area below the elevated floor is open, with no obstruction to flow of floodwaters (open lattice work and / or insect screening is permissible).



**DIAGRAM 6**

All buildings elevated on piers, posts, piles, columns, or parallel shear walls with full or partial enclosure below the elevated floor.

**Distinguishing Feature** - For all zones, the area below the elevated floor is enclosed, either partially or fully. In A Zones, the partially or fully enclosed area below the elevated floor is with or without openings \*\* present in the walls of the enclosure. Indicate information about enclosure size and openings in Section A - Property Information.





# FEMA Elevation Certificate

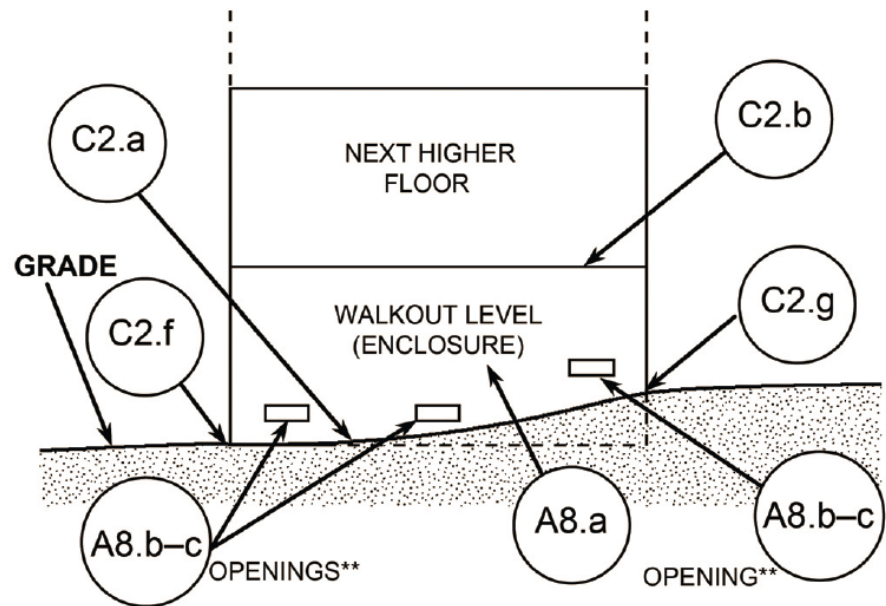
## Elevation Certificate Instructions Page 15

Diagram 7 =  
Elevated on  
full story  
foundation  
walls

### DIAGRAM 7

All buildings elevated on full-story foundation walls with a partially or fully enclosed area below the elevated floor. This includes walkout levels, where at least 1 side is at or above grade. The principal use of this building is located in the elevated floors of the building.

**Distinguishing Feature** - For all zones, the area below the elevated floor is enclosed, either partially or fully. In A Zones, the partially or fully enclosed area below the elevated floor is with or without openings \*\* present in the walls of the enclosure. Indicate information about enclosure size and openings in Section A - Property Information.





# FEMA Elevation Certificate

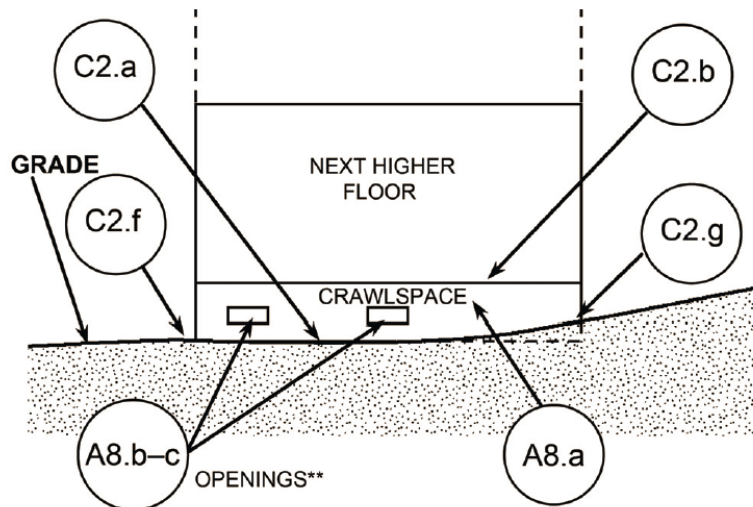
## Elevation Certificate Instructions Page 15

### Diagrams 8 & 9 = Elevated on crawlspaces

**DIAGRAM 8**

All buildings elevated on a crawlspace with the floor of the crawlspace at or above grade on at least 1 side, with or without an attached garage.

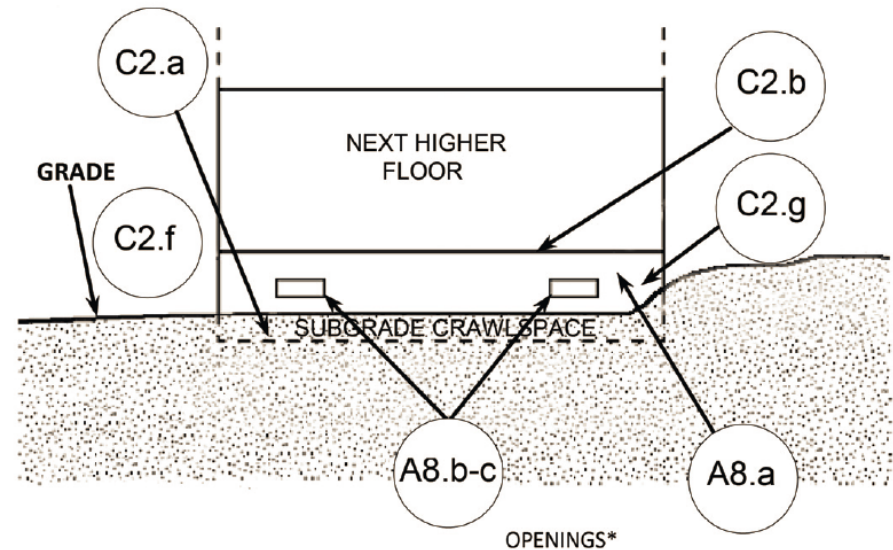
**Distinguishing Feature** - For all zones, the area below the first floor is enclosed by solid or partial perimeter walls. In all A zones, the crawlspace is with or without openings\*\* present in the walls of the crawlspace. Indicate information about crawlspace size and openings in Section A - Property Information.



**DIAGRAM 9**

All buildings (other than split-level) elevated on a sub-grade crawlspace, with or without attached garage.

**Distinguishing Feature** - The bottom (crawlspace) floor is below ground level (grade) on all sides. \* (If the distance from the crawlspace floor to the top of the next higher floor is more than 5 feet, or the crawlspace floor is more than 2 feet below the grade (LAG) on all sides, use Diagram 2A or 2B.)



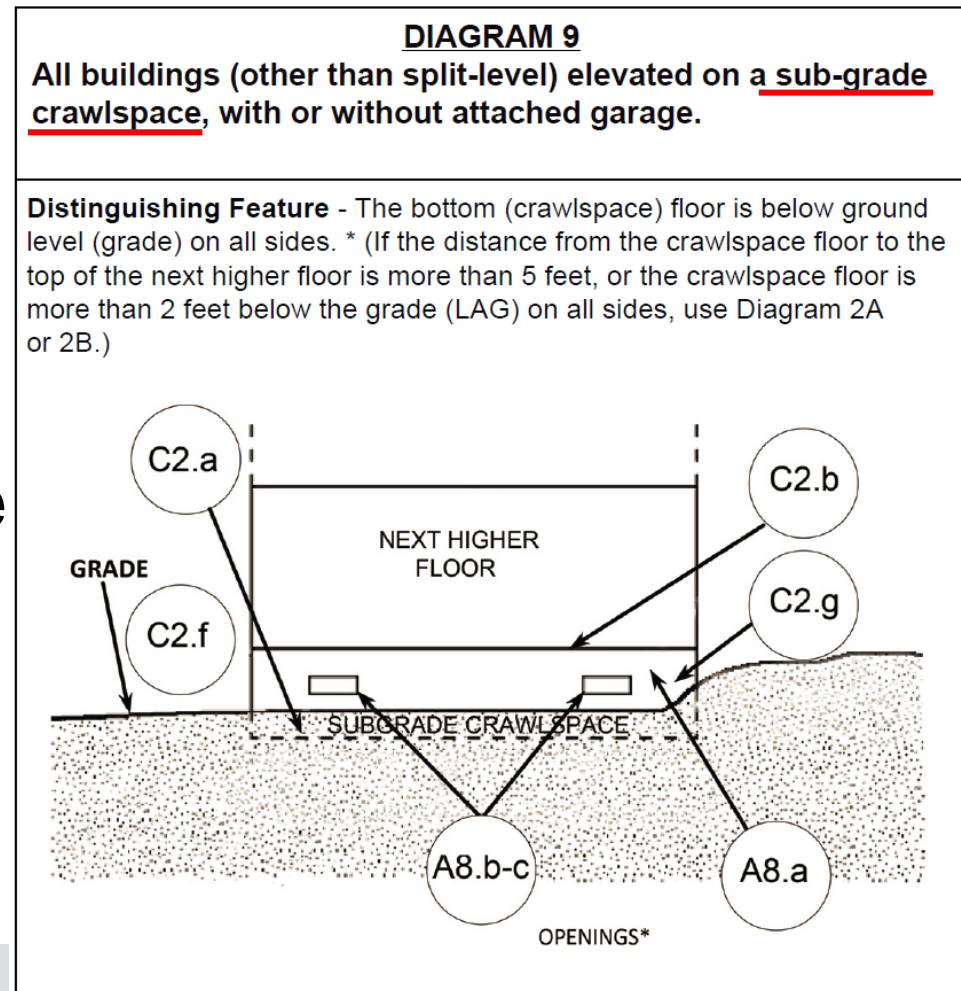
# FEMA Elevation Certificate

## Elevation Certificate Instructions Page 15

Diagrams 8 & 9 = Elevated on crawlspaces

Diagram 9 = Compliant,  
below grade crawlspace  
< 5' high,  
< 2' below grade

If below grade crawlspace  
≥ 5' high or  
≥ 2' below grade  
→ basement



# Diagram Number Assignment

FEMA Form 086-0-33 (7/16) Replaces all previous editions. Page 13 of 15

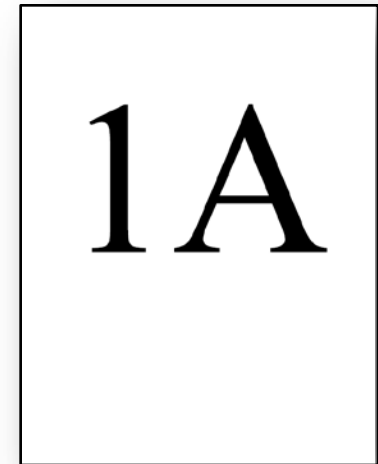
or exterior grade or floor immediately below the opening. For more guidance on openings, see NFIP Technical Bulletin 1.

FEMA Form 086-0-33 (7/16) Replaces all previous editions. Page 16 of 16

# FEMA Elevation Certificate

## Diagram Number Assignment

- ✓ We'll show a photo of a building
- ✓ Each building is compliant
- ✓ You see the whole building – don't invent things on the other side of the building
- ✓ Determine the diagram number for each building
- ✓ Raise the appropriate Diagram number card
- ✓ If a table raises >1 card, it is disqualified





# FEMA Elevation Certificate

What diagram?



FEMA





# FEMA Elevation Certificate

What diagram?



# FEMA Elevation Certificate

What diagram?



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# FEMA Elevation Certificate

What diagram?



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# FEMA Elevation Certificate

What diagram?



# FEMA Elevation Certificate



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# FEMA Elevation Certificate

What diagram?



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# FEMA Elevation Certificate

What diagram?



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# FEMA Elevation Certificate

What diagram?



# FEMA Elevation Certificate

What diagram?



FEMA



# FEMA Elevation Certificate

What diagram?



# FEMA Elevation Certificate

## Elevation Certificate Instructions Page 8

A7. Building Diagram Number _____ Must be full Diagram Number (e.g., "1A" or "1B," not just "1")	
A8. For a building with a crawlspace or enclosure(s): If there is no crawlspace, enclosure, or garage, enter "N/A" in the blanks	
a) Square footage of crawlspace or enclosure(s) _____	A9. For a building with an attached garage: a) Square footage of attached garage _____ sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____	b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A8.b _____ sq in	c) Total net area of flood openings in A9.b _____ sq in
If there are engineered flood openings, attach the certification from the engineer or the ICC Evaluation Service	
d) Engineered flood openings? <input type="radio"/> Yes <input type="radio"/> No	d) Engineered flood openings? <input type="radio"/> Yes <input type="radio"/> No

### SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Measure from exterior or interior grade, whichever is higher





# FEMA Elevation Certificate

## Elevation Certificate Instructions Page 8

A7. Building Diagram Number _____ Must be full Diagram Number (e.g., "1A" or "1B," not just "1")	
A8. For a building with a crawlspace or enclosure(s): If there is no crawlspace, enclosure, or garage, enter "N/A" in the blanks	
a) Square footage of crawlspace or enclosure(s) _____ 1,405 sq ft	A9. For a building with an attached garage: a) Square footage of attached garage _____ sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____ 10	b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____
If there is a crawlspace, enclosure, or garage, but no openings within 1.0 foot above grade, enter "0"	
c) Total net area of flood openings in A8.b _____ 1,680 sq in	c) Total net area of flood openings in A9.b _____ sq in
If there are engineered flood openings, attach the certification from the engineer or the ICC Evaluation Service	
d) Engineered flood openings? <input type="radio"/> Yes <input type="radio"/> No	d) Engineered flood openings? <input type="radio"/> Yes <input type="radio"/> No
SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION	

### A9 Attached garage:

- ✓ Separate from the rest of the building
- ✓ No floors above it

# FEMA Elevation Certificate

## Elevation Certificate Instructions Page 8

A7. Building Diagram Number _____ Must be full Diagram Number (e.g., "1A" or "1B," not just "1")	
A8. For a building with a crawlspace or enclosure(s): If there is no crawlspace, enclosure, or garage, enter "N/A" in the blanks	
a) Square footage of crawlspace or enclosure(s) _____ 1,405 sq ft	A9. For a building with an attached garage: a) Square footage of attached garage _____ N/A sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____ 10	b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____ N/A
If there is a crawlspace, enclosure, or garage, but no openings within 1.0 foot above grade, enter "0"	
c) Total net area of flood openings in A8.b _____ 1,680 sq in	c) Total net area of flood openings in A9.b _____ N/A sq in
If there are engineered flood openings, attach the certification from the engineer or the ICC Evaluation Service	
d) Engineered flood openings? <input type="radio"/> Yes <input type="radio"/> No	d) Engineered flood openings? <input type="radio"/> Yes <input type="radio"/> No

### SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

# FEMA Elevation Certificate

## Elevation Certificate Instructions Page 8

A7. Building Diagram Number _____ Must be full Diagram Number (e.g., "1A" or "1B," not just "1")	
A8. For a building with a crawlspace or enclosure(s): If there is no crawlspace, enclosure, or garage, enter "N/A" in the blanks	
a) Square footage of crawlspace or enclosure(s) _____ 1,405 sq ft	A9. For a building with an attached garage: a) Square footage of attached garage _____ N/A sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____ 10	b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____ N/A
If there is a crawlspace, enclosure, or garage, but no openings within 1.0 foot above grade, enter "0"	
c) Total net area of flood openings in A8.b _____ 1,680 sq in	c) Total net area of flood openings in A9.b _____ N/A sq in
If there are engineered flood openings, attach the certification from the engineer or the ICC Evaluation Service	
d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION	

If "yes," record the actual area of the openings  
and attach the engineer's certificate  
or the ICC Evaluation Service report

# FEMA Elevation Certificate



Most Widely Accepted and Trusted

## ICC-ES Evaluation Report

**ESR-2074**

*Reissued December 1, 2012*

*This report is subject to renewal February 1, 2015.*

[www.icc-es.org](http://www.icc-es.org) | (800) 423-6587 | (562) 699-0543

*A Subsidiary of the International Code Council®*

**DIVISION: 08 00 00—OPENINGS**

**Section: 08 95 00—Vents**

AFFV pivoting door is normally held in the closed position by a buoyant release device. When subjected to rising water, the buoyant release device causes the unit to

**ESR-2074** | *Most Widely Accepted and Trusted*

**Page 2 of 2**

instructions, the applicable code and this report. The mounting straps allow mounting in wood, masonry and concrete walls up to 12 inches (305 mm) thick. In order to comply with the engineered opening design principle noted in Section 2.6.2.2 of ASCE/SEI 24, the [REDACTED] AFFVs must be installed as follows:

- With a minimum of two openings on different sides of each enclosed area.
- With a minimum of one AFFV for every 200 square feet (18.6 m<sup>2</sup>) of enclosed area, except that the

**5.1** The [REDACTED] AFFVs must be installed in accordance with this report, the applicable code and the manufacturer's installation instructions. In the event of a conflict, the instructions in this report govern.

**5.2** The [REDACTED] AFFVs must not be used in the place of "breakaway walls" in coastal high hazard areas, but are permitted for use in conjunction with breakaway walls in other areas.

**6.0 EVIDENCE SUBMITTED**

# FEMA Elevation Certificate

## Elevation Certificate Instructions Page 9

Complete the Elevation Certificate on the basis of the FIRM in effect at the time of the certification.

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) (Zone AO, use base flood depth)

B4. 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.

**NATIONAL FLOOD INSURANCE PROGRAM**


**FIRM**  
**FLOOD INSURANCE RATE MAP**

TOWN OF  
**FLOODVILLE**  
FLOOD COUNTY, USA

**PANEL 4 OF 20**  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER  
**990098 0038X**

EFFECTIVE DATE  
**AUGUST 19, 1998**

  
Federal Emergency Management Agency

**Figure 1.** Sample FIRM Panel  
(Single Community)

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**  
**FLOOD INSURANCE RATE MAP**

FLOOD COUNTY,  
USA AND  
INCORPORATED AREAS


**PANEL 38 OF 40**  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
FLOOD COUNTY	990098	0038	X
FLOODVILLE, TOWN OF	990098	0038	X

MAP NUMBER  
**99009C0038X**

EFFECTIVE DATE  
**AUGUST 19, 1998**

  
Federal Emergency Management Agency

**Figure 2.** Sample FIRM Panel  
(Countywide)

**Community Name**

**Community Number**

**Panel or Map Number**

**Effective Date**



# FEMA Elevation Certificate

## Elevation Certificate Instructions Page 9

Complete the Elevation Certificate on the basis of the FIRM in effect at the time of the certification.

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) (Zone AO, use base flood depth)

B5. Suffix comes after the panel number

Indicates how many times the panel has been revised

B8. Use the zone for the building

If building is in > 1 zone, list all the zones

B9. Except in Zones AO and A, use the BFE on the FIRM, not a higher local regulatory flood elevation

# FEMA Elevation Certificate

## Elevation Certificate Instructions Page 9

Complete the Elevation Certificate on the basis of the FIRM in effect at the time of the certification.

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:

☐ FIS Profile ☐ FIRM ☐ Community Determined ☐ Other/Source: \_\_\_\_\_

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☐ NAVD 1988 ☐ Other/Source: \_\_\_\_\_

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☐ No

Designation Date: ☐ CBRS ☐ OPA

### SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)



# FEMA Elevation Certificate

## Elevation Certificate Instructions Pages 10 – 11

### SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings\* ☐ Building Under Construction\* ☒ Finished Construction

\* A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations: Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: \_\_\_\_\_ Vertical Datum: \_\_\_\_\_

Indicate elevation datum used for the elevations in items a) through h) below: ☐ NGVD 1929 ☐ NAVD 1988

☐ Other/Source: \_\_\_\_\_

Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

# FEMA Elevation Certificate

## Elevation Certificate Instructions Pages 10 – 11

### Section C2.a) – h)

Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

- |   |                               |   |
|---|-------------------------------|---|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor)   | <u>Every time</u> . _____     | <input type="radio"/> feet <input type="radio"/> meters |
| b) Top of the next higher floor   | <u>If &gt;1 floor</u> . _____ | <input type="radio"/> feet <input type="radio"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only)   | <u>V Zones</u> . _____        | <input type="radio"/> feet <input type="radio"/> meters |
| d) Attached garage (top of slab)  | <u>If garage</u> . _____      | <input type="radio"/> feet <input type="radio"/> meters |
| e) Lowest elevation of machinery or equipment servicing the building<br>(Describe type of equipment and location in Comments) | <u>Every time</u> . _____     | <input type="radio"/> feet <input type="radio"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG)  | <u>Every time</u> . _____     | <input type="radio"/> feet <input type="radio"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG)   | <u>Every time</u> . _____     | <input type="radio"/> feet <input type="radio"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support                                  | _____ . _____                 | <input type="radio"/> feet <input type="radio"/> meters |

Items a), f) and g) must always have a number. If items b) - e) are not relevant, enter "N/A"

e) Describe the machinery or equipment in Section D's comments

# FEMA Elevation Certificate

## Elevation Certificate Instructions Pages 10 – 11

### Section C2.a) – h)

Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>Every time</u> . _____	<input type="radio"/> feet <input type="radio"/> meters
b) Top of the next higher floor	<u>If &gt;1 floor</u> . _____	<input type="radio"/> feet <input type="radio"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>V Zones</u> . _____	<input type="radio"/> feet <input type="radio"/> meters
d) Attached garage (top of slab)	<u>If garage</u> . _____	<input type="radio"/> feet <input type="radio"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>Every time</u> . _____	<input type="radio"/> feet <input type="radio"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>Every time</u> . _____	<input type="radio"/> feet <input type="radio"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>Every time</u> . _____	<input type="radio"/> feet <input type="radio"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>Not on checklist</u> . _____	<input type="radio"/> feet <input type="radio"/> meters

Items a), f) and g) must always have a number. If items b) - e) are not relevant, enter "N/A"

Only needed for LOMAs and LOMR-Fs  
Not on the CRS EC checklist

# FEMA Elevation Certificate

## Elevation Certificate Instructions Pages 10 – 11

### Section C2 Assignment

Datum used for building elevations must be the same as that used for the BFE.

- a) Top of bottom floor (including basement, crawlspace, or enclosure floor)
- b) Top of the next higher floor
- c) Bottom of the lowest horizontal structural member (V Zones only)
- d) Attached garage (top of slab)
- e) Lowest elevation of machinery or equipment servicing the building  
(Describe type of equipment and location in Comments)
- f) Lowest adjacent (finished) grade next to building (LAG)
- g) Highest adjacent (finished) grade next to building (HAG)
- h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support

Items a), f) and g) must always have a number. If items b) - e)

#### Elevation Certificate Checklist

##### Section C2 Assignment

Enter the A7. building diagram number and the appropriate elevation in Section C2 a) – h) based on the photograph of the house.

House #1 – in the AE Zone



A7. Building Diagram Number \_\_\_\_\_

- |   |       |   |       |                            |                              |
|---|-------|---|-------|----------------------------|------------------------------|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor)   | _____ | • | _____ | <input type="radio"/> feet | <input type="radio"/> meters |
| b) Top of the next higher floor   | _____ | • | _____ | <input type="radio"/> feet | <input type="radio"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only)   | _____ | • | _____ | <input type="radio"/> feet | <input type="radio"/> meters |
| d) Attached garage (top of slab)  | _____ | • | _____ | <input type="radio"/> feet | <input type="radio"/> meters |
| e) Lowest elevation of machinery or equipment servicing the building<br>(Describe type of equipment and location in Comments) | _____ | • | _____ | <input type="radio"/> feet | <input type="radio"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG)  | _____ | • | _____ | <input type="radio"/> feet | <input type="radio"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG)   | _____ | • | _____ | <input type="radio"/> feet | <input type="radio"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support                                  | _____ | • | _____ | <input type="radio"/> feet | <input type="radio"/> meters |

# FEMA Elevation Certificate

House #1 – in the AE Zone



477.6  
(grade)

476.2  
(A/C in back yard)

478.6  
(first floor)

478.1  
(garage floor)

478.0  
(grade)



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# FEMA Elevation Certificate

House #1 – in the AE Zone

Diagram No.? 1A



a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>478.6</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
b) Top of the next higher floor	<u>N/A</u> . _____	<input type="checkbox"/> feet	<input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>N/A</u> . _____	<input type="checkbox"/> feet	<input type="checkbox"/> meters
d) Attached garage (top of slab)	<u>478.1</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>476.2</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>477.6</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>478.0</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>N/A</u> . _____	<input type="checkbox"/> feet	<input type="checkbox"/> meters

# FEMA Elevation Certificate

## House #2 – in the AE Zone



# FEMA Elevation Certificate

House #2 – in the AE Zone

Diagram No.? 6

17.7



a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>8.1</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
b) Top of the next higher floor	<u>17.7</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>16.5</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
d) Attached garage (top of slab)	<u>N/A</u> . _____	<input type="checkbox"/> feet	<input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>17.6</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>7.9</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>8.0</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>7.7</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters



# FEMA Elevation Certificate

## House #3 – in the AE Zone



Driveway: 316.9

Garage floor: 317.0

Vent

Front door threshold: 318.6

Vents

Furnace and water heater are on a platform 2.0 feet above the garage floor

Crawlspace floor: 315.6

Grade:  
316.1



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# FEMA Elevation Certificate

House #3 – in the AE Zone

Diagram No.? 9



a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>315.6</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
b) Top of the next higher floor	<u>318.6</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>N/A</u> . _____	<input type="checkbox"/> feet	<input type="checkbox"/> meters
d) Attached garage (top of slab)	<u>317.0</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>319.0</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>316.1</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>316.9</u> . _____	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>N/A</u> . _____	<input type="checkbox"/> feet	<input type="checkbox"/> meters



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# FEMA Elevation Certificate

## Elevation Certificate Instructions Page 11

### SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

☐ Check here if attachments.

Were latitude and longitude in Section A provided by a licensed land surveyor?

☐ Yes ☐ No

Certifier's Name

License Number

Title

Company Name

Address

City

State

Zip Code

Signature

Date

Telephone

PLACE  
SEAL  
HERE

Copy all pages of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)

# FEMA Elevation Certificate

## Elevation Certificate Instructions Page 11

### SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) **FOR ZONE AO AND ZONE A (WITHOUT BFE)**

For Zones AO and A (without BFE), complete Items E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

**E1.** Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).

a) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

b) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

**E2.** For Building Diagrams 6-9 with permanent flood openings provided in Section A Items 8 and/or 9 (see page 8 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

**E3.** Attached garage (top of slab) is \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

**E4.** Top of platform of machinery and /or equipment servicing the building is \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

**E5.** Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

Can be completed by property owner or permit official

# FEMA Elevation Certificate

## Elevation Certificate Instructions Page 11

### SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner or Owner's Authorized Representative's Name Complete Section F if there is no BFE and Section E is used

Address City State ZIP Code

Signature Date Telephone

Comments

☐ Check here if attachments.



# FEMA Elevation Certificate

## Elevation Certificate Instructions Pages 11 – 12

### 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 Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8-G10. In Puerto Rico only, enter meters.

- G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. ☐ The following information (Items G4-G10) is provided for community floodplain management purposes.

G4. Permit Number

G5. Date Permit Issued

G6. Date Certificate of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters Datum \_\_\_\_\_

G9. BFE or (in Zone AO) depth of flooding at the building site: \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters Datum \_\_\_\_\_

G10. Community's design flood elevation: \_\_\_\_\_ . \_\_\_\_\_ ☐ feet ☐ meters Datum \_\_\_\_\_

Local Official's Name

Title

Complete and sign if G1, G2, G8, or G9 are checked

Community Name

Telephone

Signature

Date


Comments (including type of equipment and location, per C2(e), if applicable)

# FEMA Elevation Certificate

## Helpful Hints

- ✓ Never assume the EC was filled out correctly because it has the professional surveyor's seal on it
- ✓ Establish a review process that determines if the EC is complete and correct, preferably done as part of the final site inspection
- ✓ Make a complete and correct EC a condition for the certificate of occupancy
- ✓ Fill out as much of the EC as you can at the time of the permit application (i.e., Sections A and B)
- ✓ FEMA Regions conduct workshops on the EC

# FEMA Elevation Certificate



**FEMA**

*National Flood Insurance Program*

**ELEVATION CERTIFICATE**

AND

**INSTRUCTIONS**

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## Questions?

U.S. DEPARTMENT OF HOMELAND SECURITY  
FEDERAL EMERGENCY MANAGEMENT AGENCY  
National Flood Insurance Program  
**ELEVATION CERTIFICATE**  
OMB Control Number: 1050-0008  
Expiration: 11/09/2018

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

**SECTION A - PROPERTY INFORMATION**

A1. Building Owner's Name \_\_\_\_\_

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. \_\_\_\_\_

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

FOR INSURANCE COMPANY USE

Policy Number: \_\_\_\_\_

Company NAIC Number: \_\_\_\_\_

Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Horizontal Datum: ☐ NAD 1927 ☐ NAD 1983

Logarithm of the building if the Certificate is being used to obtain flood insurance. \_\_\_\_\_

Member \_\_\_\_\_

Crawl space or enclosure(s): \_\_\_\_\_

A9. For a building with an attached garage: \_\_\_\_\_

a) Square footage of crawl space or enclosure(s) \_\_\_\_\_ sq ft

a) Square footage of attached garage \_\_\_\_\_ sq ft

b) Number of permanent flood openings in the crawl space or enclosure(s) within 1.0 foot above adjacent grade \_\_\_\_\_

b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade \_\_\_\_\_

c) Total net area of flood openings in A8.b \_\_\_\_\_ sq in

c) Total net area of flood openings in A9.b \_\_\_\_\_ sq in

d) Engineered flood openings? ☐ Yes ☐ No

d) Engineered flood openings? ☐ Yes ☐ No

**SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION**

B1. NFIP Community Name & Community Number \_\_\_\_\_

B2. County Name \_\_\_\_\_

B3. State \_\_\_\_\_

B4. Map/Panel Number \_\_\_\_\_

B5. Gutter \_\_\_\_\_

B6. FIRM Index Date \_\_\_\_\_

B7. FIRM Panel Effective/Revised Date \_\_\_\_\_

B8. Flood Zone(s) \_\_\_\_\_

B9. Base Flood Elevation(s) (Zone AO, use base flood depth) \_\_\_\_\_

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in item B9:  
☐ FIS Profile ☐ FIRM ☐ Community Determined ☐ Other/Source: \_\_\_\_\_

B11. Indicate elevation datum used for BFE in item B9: ☐ NGVD 1929 ☐ NAVD 1988 ☐ Other/Source: \_\_\_\_\_

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☐ No  
Designation Date: ☐ CBRS ☐ OPA

**SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)**

C1. Building elevations are based on: ☐ Construction Drawings\* ☐ Building Under Construction\* ☐ Finished Construction\*  
\* A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations: Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete items C2.a-h below according to the building diagram specified in item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: \_\_\_\_\_ Vertical Datum: \_\_\_\_\_

Indicate elevation datum used for the elevations in items a) through h) below: ☐ NGVD 1929 ☐ NAVD 1988 ☐ Other/Source: \_\_\_\_\_

Datum used for building elevations must be the same as that used for the BFE. Check the measurement used.

a) Top of bottom floor (including basement, crawl space, or enclosure floor) \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

b) Top of the next higher floor \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

c) Bottom of the lowest horizontal structural member (V Zones only) \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

d) Attached garage (top of slab) \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

f) Lowest adjacent (finished) grade next to building (LAG) \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

g) Highest adjacent (finished) grade next to building (HAG) \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support \_\_\_\_\_ - \_\_\_\_\_ ☐ feet ☐ meters

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