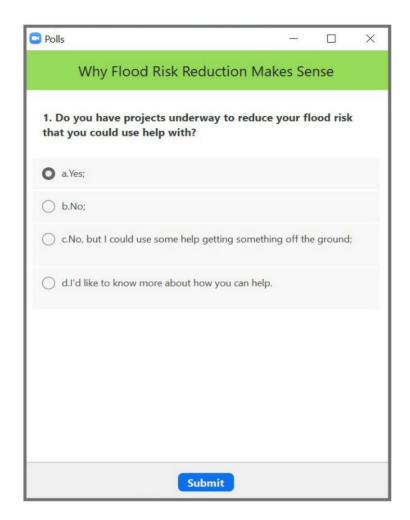
What Every Floodplain Administrator Needs to Know



**DEPT. OF NATURAL RESOURCES** 

### **Poll Questions**

- Total of 4 poll questions. Your answers are anonymous
- If you are a Certified Floodplain Manager (CFM)
  or a Nebraska Municipality Treasurer requesting
  Continuing Education Credit (CEC) today, you
  must answer all poll questions. We will report only
  full participation
- Only the person registered and logged into Zoom will receive credit. If multiple people are viewing the presentation together, you will each need to log into Zoom using your unique link and answer the poll questions separately to receive credit



### **AGENDA**

- General Information
- The NEW Elevation Certificate
- Completing an Elevation Certificate
- Reviewing an Elevation Certificate
- When to Use an Elevation Certificate
- 06 Additional Resources

What Every Floodplain Administrator Needs to Know



**DEPT. OF NATURAL RESOURCES** 

- Released July 7<sup>th</sup>, 2023
- The 2023 edition must be used as of November 1<sup>st</sup>, 2023
- No longer required to rate flood insurance for post-FIRM buildings
- May be used for flood insurance rating in any flood zone
- Previously completed Elevation
   Certificates do not expire unless a
   change occurs to the building or its
   adjacent grade

National Flood Insurance Program

# **Elevation Certificate**

and Instructions

2023 EDITION



- This version has an expiration date of June 30<sup>th</sup>, 2026, or until a new version is released
- Better aligns with FEMA's new rating methodology
- Provides more clarity and detail with an expanded instructions section
- Reduces burden on property owners to obtain elevations for insurance rating

National Flood Insurance Program

# **Elevation Certificate**

and Instructions

2023 EDITION



- If accessing from FEMA's or NeDNR's website, it may not open from your browser
- First, download it to your local files
- Then, open it directly from your local file storage, rather than from the website links

#### Please wait...

If this message is not eventually replaced by the proper contents of the document, your PDF viewer may not be able to display this type of document.

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Windows is either a registered trademark or a trademark of Microsoft Corporation in the United States and/or other countries. Mac is a trademark of Apple Inc., registered in the United States and other countries. Linux is the registered trademark of Linux Torvalds in the U.S. and other countries.

 If problems continue, you can use a non-fillable version of the PDF located in our Digital Desk Reference

#### Desk Reference/Floodplain Management Resources

#### **Permits and Certificates**

- NE Model Floodplain Development Permit Application
- ☐ "No-Rise" Certificate Procedures and Sample Certification
- ☑ Guide for Floodplain Development Permit/Application and Elevation/Floodproofing Certificate Procedure
- Elevation Certificate 2023 Edition (Fillable PDF)
  - May not open directly from your browser. Save the file locally to your computer, then open from your files.
- ☐ Elevation Certificate 2023 Edition (Non-fillable PDF)
- ☑ Elevation Certificate 2023 Edition (Instructions)
- FEMA Elevation Certificate and Floodproofing Certificate
  Bulletin 8/9/2023
- ☐ Elevation Certificate Correction Form
- RS Elevation Certificate Checklist 2022 Edition
- Dry Floodproofing Certificate for Non-Residential Structures
- Standard Flood Hazard Determination Form
- Community Acknowledgement of Requests Involving Fill
- Crawlspace Construction in SFHAs
- Residential Basement Floodproofing Certificate (5/31/2020)
- Residential Basement Floodproofing Information
- ☐ Lincoln Building Restriction Agreement for LOMR-F

Acknowledgement

What's Changed?



## What's Changed?

Section A – Property Information	Expanded
Section B – FIRM Information	Asks for Additional Information
Section C – Building Elevations	More Instructions
Section D – Surveyor Certification	Asks for Additional Information
Section E – Building Measurements	More Instructions
Section F – Owner or Representative Certification	Asks for Additional Information
Section G – Community Information	Expanded
Section H – First Floor Height	*NEW*
Section I – Owner or Representative Certification	*NEW*

Line A5: Now includes WGS 84

Line A6: Now asks for 4 pictures when possible

Line A8: Now accommodates engineered openings, allows for a combination of engineered and non-engineered strategies, and requires them on 2 sides (ASCE 24)

SECTION A - PRO	OPERTY INFORMATION		FOR INSURANCE CO	MPANY USE	
A1. Building Owner's Name:			Policy Number:		
A2. Building Street Address (including Apt., Un	nit, Suite, and/or Bldg. No.) or P.O. Rou	ite and Box No.:	Company NAIC Numbe	r:	
City:	S	ate:	ZIP Code:		
A3. Property Description (e.g., Lot and Block	Numbers or Legal Description) and/	or Tax Parcel Nu	mber:		
A4. Building Use (e.g., Residential, Non-Residential)	idential, Addition, Accessory, etc.):				
A5. Latitude/Longitude: Lat.	Long.	Horiz. Datum:	NAD 1927 NAD 1983	3 WGS 84	
A6. Attach at least two and when possible for	ur clear color photographs (one for e	ach side) of the b	uilding (see Form pages 7	and 8).	
A7. Building Diagram Number:	A7. Building Diagram Number:				
A8. For a building with a crawlspace or enclo	osure(s):				
a) Square footage of crawlspace or encl	osure(s):	sq. ft.			
b) Is there at least one permanent flood opening on two different sides of each enclosed area? 🔲 Yes 🔲 No 🔠 N/A					
c) Enter number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade:  Non-engineered flood openings: Engineered flood openings:					
d) Total net open area of non-engineere	d flood openings in A8.c:	sq. in.			
e) Total rated area of engineered flood of	ppenings in A8.c (attach documentati	on – see Instructi	ons):	sq. ft.	
f) Sum of A8.d and A8.e rated area (if a	pplicable – see Instructions):	sq. ft.			
AO Ear a building with an attached garage:					

Line B1 now requires both full community name and NFIP CID

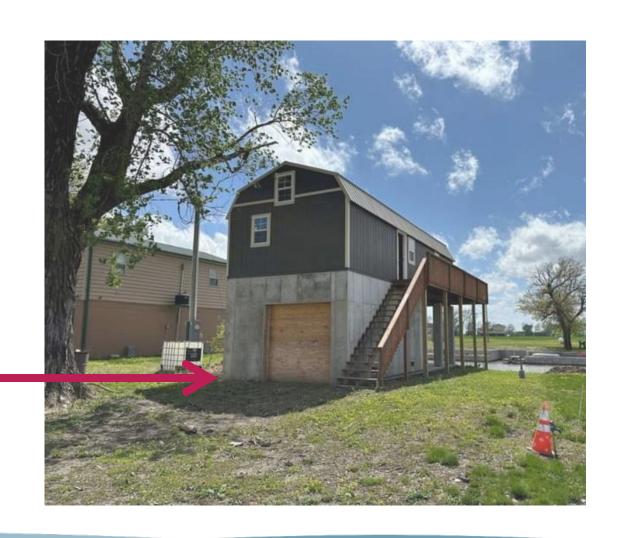
**Line B10** no longer says FIS Profile

Line B13 is new, but is not applicable in Nebraska. However, do not leave blank, just check "no"

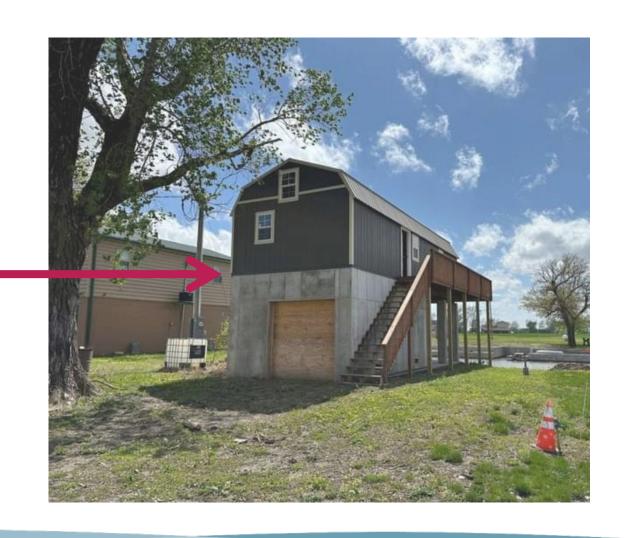
SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION			
B1.a. NFIP Community Name:  B1.b. NFIP Community Identification Number:			
B2. County Name:	B3. State:	B4. Map/Panel No.:	B5. Suffix:
B6. FIRM Index Date:	B7. FIRM Panel Effe	ctive/Revised Date:	
B8. Flood Zone(s):	B9. Base Flood Elev	ation(s) (BFE) (Zone AO, use Base Flo	od Depth):
B10. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  FIS FIRM Community Determined Other:			
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			
B13. Is the building located seaward of the Limit of Moderate Wave Action (LiMWA)? Yes No			

- Bottom Floor The building's lowest enclosed area, including enclosures "below the lowest floor" (Section C, or E)
- Lowest Floor The lowest floor of the lowest enclosed area including the basement, but excluding any enclosure "below the lowest floor" (Section G)
- First Floor Height The first <u>living</u> floor of the building that is always <u>at</u>
   or <u>above grade</u> (Section H)

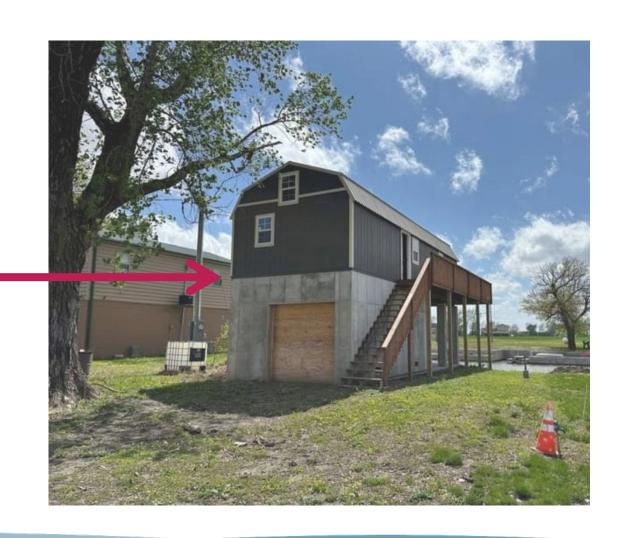
Bottom Floor - The building's lowest enclosed area, including enclosures "below the lowest floor" (Section C, or E)



Lowest Floor - The lowest floor of the lowest enclosed area including the basement, but excluding any enclosure "below the lowest floor" (Section G)



First Floor Height - The first <u>living</u> floor that is always <u>at</u> or <u>above grade</u> (Section H)



**Item C2:** includes new question asking if a conversion factor was used

**Item C2.a:** Bottom floor, including basements and enclosures

**Item C2.c:** "For Zone V only" has been removed, but still isn't applicable in Nebraska

**Items C2.f – g:** ask if the LAG and HAG are natural or finished (fill). If in doubt, check "finished"

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, AO, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO, A99. 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:			
Datum used for building elevations must be the same as that used for the BFE. Conversi If Yes, describe the source of the conversion factor in the Section D Comments area.	ion factor used? Yes No Check the measurement used:		
a) Top of bottom floor (including basement, crawlspace, or enclosure floor):	feet meters		
b) Top of the next higher floor (see Instructions):	feet meters		
c) Bottom of the lowest horizontal structural member (see Instructions):	feet meters		
d) Attached garage (top of slab):	feet meters		
e) Lowest elevation of Machinery and Equipment (M&E) servicing the building (describe type of M&E and location in Section D Comments area):	feet meters		
f) Lowest Adjacent Grade (LAG) next to building: Natural Finished	feet meters		
g) Highest Adjacent Grade (HAG) next to building: Natural Finished	feet meters		
h) Finished LAG at lowest elevation of attached deck or stairs, including structural support:	feet meters		

Sections D and F (professional certifications): Email address blanks added

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION			
This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by state 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.			
Were latitude and longitude in Section A provided by a licen	sed land surveyor? 🔲 Yes 🔲 No		
Check here if attachments and describe in the Comments	s area.		
Certifier's Name:	License Number:		
Title:			
Company Name:			
Address:			
City: St	ate: ZIP Code:		
Telephone: Ext.: Email:			
		Place Seal Here	
Signature:	Date:	Place Seal Here	
Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.			
Comments (including source of conversion factor in C2; type of equipment and location per C2.e; and description of any attachments):			

**Section E**: Check boxes added to indicate if this EC is for pre-, post-, or mid-construction

SECTION E – BUILDING MEASUREMENT INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO, ZONE AR/AO, AND ZONE A (WITHOUT BFE)			
For Zones AO, AR/AO, and A (without BFE), complete Items E1–E5. For Items E1–E4, use natural grade, if available. If the Certificate is intended to support a Letter of Map Change request, complete Sections A, B, and C. Check the measurement used. In Puerto Rico only, enter meters.			
Building measurements are based on: Construction Drawings* Building Under Construction* Finished Construction *A new Elevation Certificate will be required when construction of the building is complete.			
E1. Provide measurements (C.2.a in applicable Building E measurement is above or below the natural HAG and	Diagram) for the following and check the appropriate boxes to show whether the the LAG.		
<ul> <li>Top of bottom floor (including basement, crawlspace, or enclosure) is:</li> </ul>	feet meters above or below the HAG.		
<ul><li>b) Top of bottom floor (including basement, crawlspace, or enclosure) is:</li></ul>	feet meters above or below the LAG.		
next higher floor (C2.b in applicable	nings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the		
Building Diagram) 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.			

### The NEW Elevation Certificate – Section G

- Recommended rather than Optional for all communities. Required for CRS communities
- For floodplain administrators to complete, not for surveyors
- Community officials who fill out Section E
   (AO developments) should use Section G
   rather than F to certify their information and
   comments

SECTION G – COMMUNITY INFORMATION (RECOMMENDED FOR COMMUNITY OFFICIAL COMPLETION)
The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete
Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign below when:
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 state law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
G2.a. A local official completed Section E for a building located in Zone A (without a BFE), Zone AO, or Zone AR/AO, or when item E5 is completed for a building located in Zone AO.
G2.b. A local official completed Section H for insurance purposes.
G3.
G4.  The following information (Items G5–G11) is provided for community floodplain management purposes.
G5. Permit Number: G6. Date Permit Issued:
G7. Date Certificate of Compliance/Occupancy Issued:
G8. This permit has been issued for: New Construction Substantial Improvement
G9.a. Elevation of as-built lowest floor (including basement) of the
building: feet metersDatum:
G9.b. Elevation of bottom of as-built lowest horizontal structural  member:
G10.a. BFE (or depth in Zone AO) of flooding at the building site:
G10.b. Community's minimum elevation (or depth in Zone AO) requirement for the lowest floor or lowest horizontal structural
member: feet meters Datum:
G11. Variance issued? Yes No If yes, attach documentation and describe in the Comments area.
The local official who provides information in Section G must sign here. I have completed the information in Section G and certify that it is correct to the best of my knowledge. If applicable, I have also provided specific corrections in the Comments area of this section.
Local Official's Name: Title:
NFIP Community Name:
Telephone: Ext.: Email:
Address:
City: State: ZIP Code:
MONE .
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, or H):

### The NEW Elevation Certificate – Sections H & I

- Measurements are taken (LAG to First Floor Height); a survey is not required!
- Used ONLY for flood insurance rating
- If EC info indicates a higher rate, the insurer will use lower of the two rates

Form Instructions  ELEVATION CERTIFICATE  IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11				
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.:	FOR INSURANCE COMPANY USE			
	Policy Number:  Company NAIC Number:			
SECTION H – BUILDING'S FIRST FLOOR HEIGHT INFORMATIO (SURVEY NOT REQUIRED) (FOR INSURANCE PURPOS				
The property owner, owner's authorized representative, or local floodplain management official r to determine the building's first floor height for insurance purposes. Sections A, B, and I must als nearest tenth of a foot (nearest tenth of a meter in Puerto Ricco). Reference the Foundation Ty Instructions) and the appropriate Building Diagrams (at the end of Section I Instructions)	so be completed. Enter heights to the pe Diagrams (at the end of Section H			
H1. Provide the height of the top of the floor (as indicated in Foundation Type Diagrams) above	the Lowest Adjacent Grade (LAG):			
a) For Building Diagrams 1A, 1B, 3, and 5-8. Top of bottom feet floor (include above-grade floors only for buildings with crawlspaces or enclosure floors) is:	meters above the LAG			
b) For Building Diagrams 2A, 2B, 4, and 6–9. Top of next   feet higher floor (i.e., the floor above basement, crawlspace, or enclosure floor) is:	meters above the LAG			
H2. Is all Machinery and Equipment servicing the building (as listed in Item H2 instructions) ele H2 arrow (shown in the Foundation Type Diagrams at end of Section H instructions) for the Yes No				
SECTION I – PROPERTY OWNER (OR OWNER'S AUTHORIZED REPRES	ENTATIVE) CERTIFICATION			
A, B, and H are correct to the best of my knowledge. Note: If the local floodplain management of indicate in Item G2.b and sign Section G.	fficial completed Section H, they should			
indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name:	, , ,			
indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name: Address:	nment in the Comments area.			
indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name: Address: City:  State:	, , ,			
indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name: Address:	nment in the Comments area.			
indicate in Item G2.b and sign Section 6.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name: Address: City:  State:	nment in the Comments area.			
indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name:  Address:  City:  State:  Telephone:  Ext.:  Email:	nment in the Comments area.			
Indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name:  Address:  City:  State:  Email:  Signature:  Date:	nment in the Comments area.			
Indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name:  Address:  City:  State:  Email:  Signature:  Date:	nment in the Comments area.			
Indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name:  Address:  City:  State:  Email:  Signature:  Date:	nment in the Comments area.			
Indicate in Item G2.b and sign Section 6.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name:  Address:  City:  Telephone:  Ext.:  Email:  Signature:  Date:	nment in the Comments area.			
Indicate in Item G2.b and sign Section 6.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name:  Address:  City:  Telephone:  Ext.:  Email:  Signature:  Date:	nment in the Comments area.			
Indicate in Item G2.b and sign Section 6.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name:  Address:  City:  Telephone:  Ext.:  Email:  Signature:  Date:	nment in the Comments area.			
indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name:  Address:  City:  Telephone:  Ext.:  Email:  Signature:  Date:	nment in the Comments area.			
indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name:  Address:  City:  Telephone:  Ext.:  Email:  Signature:  Date:	nment in the Comments area.			
Indicate in Item G2.b and sign Section 6.  Check here if attachments are provided (including required photos) and describe each attach Property Owner or Owner's Authorized Representative Name:  Address:  City:  Telephone:  Ext.:  Email:  Signature:  Date:	nment in the Comments area.			

FEMA Form FF-206-FY-22-152 (formerly 086-0-33) (8/23)

### **The NEW Elevation Certificate – Foundation Types**

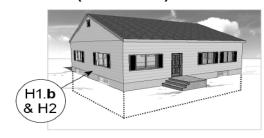
#### Slab on Grade (Non-Elevated)



Corresponds to EC Diagrams 1A, 1B and 3

**Note:** If the building has more than one floor, the Machinery and Equipment should be on the second floor or higher.

#### **Basement (Non-Elevated)**



Corresponds to EC Diagrams 2A, 2B and 4

#### Crawlspace (Elevated, including Non-Elevated Sub-Grade Crawlspace)



Corresponds to EC Diagrams 8 and 9

#### Elevated without Enclosure on Posts, Piles, or Piers



Corresponds to EC Diagram 5

#### **Elevated with Enclosure on Posts, Piles, or Piers**



Corresponds to EC Diagram 6

#### Elevated with Enclosure Not on Posts, Piles, or Piers (Solid Foundation Walls)



Corresponds to EC Diagram 7

# Completing an Elevation Certificate

A Walkthrough



### Section A

- Property specific information
- Includes building use
- Location must match permit documentation

As we work through this form, remember that the instructions will include detailed information about how to complete each line.

Form Instructions

#### U.S. DEPARTMENT OF HOMELAND SECURITY Federal Emergency Management Agency

OMB Control No. 1660-0008 Expiration Date: 06/30/2026

National Flood Insurance Program

#### **ELEVATION CERTIFICATE**

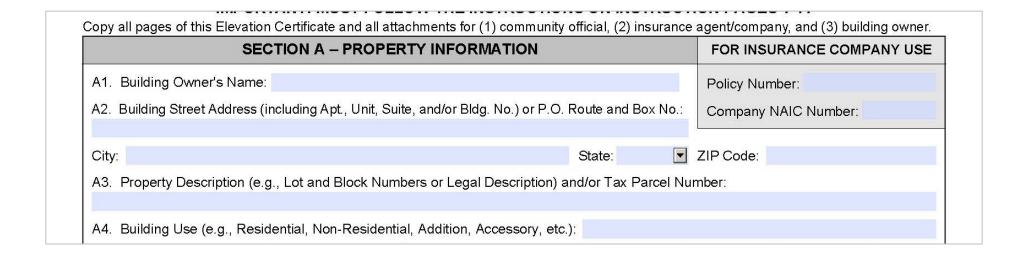
IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11 Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

B10. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  FIS FIRM Community Determined Other:  B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source:		OLOTION A TROPERTY IN CRIMATION		TOR INCORANCE COMITANT COL	
State:	A1.	Building Owner's Name:		Policy Number:	
Property Description (e.g., Lot and Block Numbers or Legal Description) and/or Tax Parcel Number:	A2.	Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O.	Route and Box No.:	Company NAIC Number:	
Property Description (e.g., Lot and Block Numbers or Legal Description) and/or Tax Parcel Number:	City	r	State:	ZIP Code:	
Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.):    Latitude/Longitude: Lat			_		
Attach at least two and when possible four clear color photographs (one for each side) of the building (see Form pages 7 and 8).  Attach at least two and when possible four clear color photographs (one for each side) of the building (see Form pages 7 and 8).  Attach at least two and when possible four clear color photographs (one for each side) of the building (see Form pages 7 and 8).  Attach at least two and when possible four clear color photographs (one for each side) of the building (see Form pages 7 and 8).  Attach at least one permanent flood openings in the orawlapace or enclosure(s):  a) Square footage of crawlspace or enclosure(s):  b) Is there at least one permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade:  Non-engineered flood openings:  C) Total nated area of engineered flood openings in A8.c;  e) Total rated area of engineered flood openings in A8.c (attach documentation – see Instructions):  sq. ft.  5. Sum of A8.d and A8.e rated area (if applicable – see Instructions):  sq. ft.  b) Is there at least one permanent flood openings in the attached garage;  a) Square footage of attached garage:  sq. ft.  b) Is there at least one permanent flood openings in the attached garage within 1.0 foot above adjacent grade:  Non-engineered flood openings:  c) Total rated area of engineered flood openings in A9.c:  e) Total rated area of engineered flood openings in A9.c:  sq. in.  e) Total rated area of engineered flood openings in A9.c:  sq. in.  e) Total rated area of engineered flood openings in A9.c:  sq. in.  e) Total rated area of engineered flood openings in A9.c:  sq. in.  e) Total rated area of engineered flood openings in A9.c:  sq. in.  e) Total rated area of engineered flood openings in A9.c:  sq. in.  e) Total rated area of engineered flood openings in A9.c:  sq. in.  e) Total rated area of engineered flood openings in A9.c:  sq. in.  e) Total rated area of engineered flood openings in A9.c:  sq. in.  e) Total rated area of engineered flood openings in	710.	Troporty Description (e.g., Lot and Block Numbers of Legal Description) a	illaror rax raicerrai	niser.	
Attach at least two and when possible four clear color photographs (one for each side) of the building (see Form pages 7 and 8).  At Building Diagram Number:	A4.	Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.	):		
A7. Building Diagram Number:  A8. For a building with a craw/space or enclosure(s):  A9. Square footage of craw/space or enclosure(s):  A9. Square footage of craw/space or enclosure(s):  B9. Is there at least one permanent flood openings in the craw/space or enclosure(s) within 1.0 foot above adjacent grade:  Non-engineered flood openings:  B1. Total net open area of non-engineered flood openings in A8. c  B2. Sq. in.  B3. For a building with an attached garage:  B3. Square footage of attached garage:  B4. Total net open area of non-engineered flood openings in the attached garage within 1.0 foot above adjacent grade:  Non-engineered flood openings in the attached garage within 1.0 foot above adjacent grade:  Non-engineered flood openings in the attached garage within 1.0 foot above adjacent grade:  Non-engineered flood openings:  B1. Total net open area of non-engineered flood openings in A9. c  B3. First area of engineered flood openings in A9. c  SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  B1.a. NFIP Community Name:  B1.b. NFIP Community Identification Number:  B2. County Name:  B3. State:  B4. Map/Panel No.:  B5. Suffix:  B6. FIRM Panel Effective/Revised Date:  B7. FIRM Panel Effective/Revised Date:  B8. Base Flood Depth entered in Item B9:  F1S F1RM Community Determined Other:  B1. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  F1S F1RM Community Determined Other:  B1. Indicate elevation datum used for BFE in Item B9:  F1S F1RM Community Determined Other:  B1. Indicate elevation datum used for BFE in Item B9:  F1S F1RM Community Determined Other:  B1. Indicate elevation datum used for BFE in Item B9:  F1S F1RM Panel Effective/Revised Date:  B1. Indicate B1. Square Protected Area (OPA)?  P4S No Designation Date:  B1. Indicate Protected Area (OPA)?  P4S No Designation Date:  B1. Indicate B1. Square P4 No Desi	A5.	Latitude/Longitude: Lat. Long.	Horiz. Datum:	NAD 1927 NAD 1983 WGS 84	
A8. For a building with a craw/space or enclosure(s):  a) Square footage of craw/space or enclosure(s):  b) Is there at least one permanent flood opening on two different sides of each enclosed area?	A6.	Attach at least two and when possible four clear color photographs (one for	or each side) of the b	uilding (see Form pages 7 and 8).	
a) Square footage of crawlspace or enclosure(s): sq. ft. b) Is there at least one permanent flood opening on two different sides of each enclosed area? Yes No N/A c) Enter number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade: Non-engineered flood openings: Engineered flood openings: d) Total net open area of non-engineered flood openings in A8.c: sq. in. e) Total rated area of engineered flood openings in A8.c (attach documentation – see Instructions): sq. ft. f) Sum of A8.d and A8.e rated area (if applicable – see Instructions): sq. ft. g) For a building with an attached garage: sq. ft. b) Is there at least one permanent flood openings in the attached garage within 1.0 foot above adjacent grade: Non-engineered flood openings in the attached garage within 1.0 foot above adjacent grade: Non-engineered flood openings in the attached garage within 1.0 foot above adjacent grade: Non-engineered flood openings in A9.c: sq. in. e) Total rated area of engineered flood openings in A9.c: sq. in. e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions): sq. ft. f) Sum of A9 d and A9 e rated area (if applicable – see Instructions): sq. ft.  SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  31.a. NFIP Community Name: B1.b. NFIP Community Identification Number: B2. County Name: B3. State: B4. Map/Panel No.: B5. Suffix: B6. FIRM Panel Effective/Revised Date: B7. FIRM Panel Effective/Revised Date: B8. Flood Zone(s): B9. Base Flood Depth entered in Item B9: F1S FIRM Community Determined Other: B1.L. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source: B1.L. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source: B1.L. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source: B1.L. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source: B1.L. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/	A7.	Building Diagram Number:			
b) Is there at least one permanent flood opening on two different sides of each enclosed area?	A8.	For a building with a crawlspace or enclosure(s):			
c) Enter number of permanent flood openings in the crawfspace or enclosure(s) within 1.0 foot above adjacent grade: Non-engineered flood openings:  d) Total net open area of non-engineered flood openings in A8.c: e) Total rated area of engineered flood openings in A8.c (attach documentation – see Instructions): sq. ft. f) Sum of A8.d and A8.e rated area (if applicable – see Instructions): sq. ft. g) For a building with an attached garage: a) Square footage of attached garage: b) Is there at least one permanent flood opening on two different sides of the attached garage? Yes No N/A c) Enter number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade: Non-engineered flood openings: Engineered flood openings: d) Total net open area of non-engineered flood openings in A9.c: e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions): sq. ft. f) Sum of A9.d and A9.e rated area (if applicable – see Instructions): sq. ft.  SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  31.a. NFIP Community Name: B1.b. NFIP Community Information  32. County Name: B3. State: B4. Map/Panel No.: B5. Suffix: B6. FIRM Index Date: B7. FIRM Panel Effective/Revised Date: B8. Flood Zone(s): B9. Base Flood Depth entered in Item B9: S1.0. Indicate the source of the BFE data or Base Flood Depth entered in Item B9: S1.1. Indicate elevation datum used for BFE in Item B9: S1.2. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No Designation Date: S1.1. Indicate Protected Area (OPA)? Yes No		a) Square footage of crawlspace or enclosure(s):	sq. ft.		
Non-engineered flood openings:		b) Is there at least one permanent flood opening on two different sides of	each enclosed area?	Yes No N/A	
e) Total rated area of engineered flood openings in A8.c (attach documentation – see Instructions):  f) Sum of A8.d and A8.e rated area (if applicable – see Instructions):  sq. ft.  g) For a building with an attached garage:  a) Square footage of attached garage:  b) Is there at least one permanent flood opening on two different sides of the attached garage?  Yes  No  N/A  c) Enter number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade:  Non-engineered flood openings:  Engineered flood openings:  Seq. in.  e) Total rated area of engineered flood openings in A9.c; (attach documentation – see Instructions):  sq. in.  e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions):  sq. ft.  f) Sum of A9.d and A9.e rated area (if applicable – see Instructions):  sq. ft.  SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  81.a. NFIP Community Name:  B1.b. NFIP Community Identification Number:  32. County Name:  B3. State:  B4. Map/Panel No.:  B5. Suffix:  38. FIRM Index Date:  B7. FIRM Panel Effective/Revised Date:  B8. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):  310. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  FIS FIRM Community Determined Other:  311. Indicate elevation datum used for BFE in Item B9:  NGVD 1929 NAVD 1988 Other/Source:  312. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No Designation Date:  CBRS OPA				above adjacent grade:	
f) Sum of A8.d and A8.e rated area (if applicable – see Instructions):  A9. For a building with an attached garage:  a) Square footage of attached garage:  b) Is there at least one permanent flood opening on two different sides of the attached garage? Yes No N/A  c) Enter number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade: Non-engineered flood openings:  d) Total net open area of non-engineered flood openings in A9.c:  e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions):  sq. in.  e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions):  sq. ft.  SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  B1.a. NFIP Community Name:  B1.b. NFIP Community Identification Number:  B2. County Name:  B3. State:  B4. Map/Panel No.:  B5. Suffix:  B6. FIRM Index Date:  B7. FIRM Panel Effective/Revised Date:  B8. Flood Zone(s):  B9. Base Flood Depth entered in Item B9:  FIS FIRM Community Determined Other:  B1. 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		d) Total net open area of non-engineered flood openings in A8.c:	sq. in.		
A9. For a building with an attached garage:  a) Square footage of attached garage:  b) Is there at least one permanent flood opening on two different sides of the attached garage?  Yes  No  N/A  c) Enter number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade:     Non-engineered flood openings:  d) Total net open area of non-engineered flood openings in A9.c:  e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions):  sq. ft.  f) Sum of A9.d and A9.e rated area (if applicable – see Instructions):  sq. ft.  SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  31.a. NFIP Community Name:  B1.b. NFIP Community Identification Number:  32. County Name:  B3. State:  B4. Map/Panel No.:  B5. Suffix:  36. FIRM Index Date:  B7. FIRM Panel Effective/Revised Date:  B8. Base Flood Depth entered in Item B9:  FIS FIRM Community Determined Other:  31. Indicate elevation datum used for BFE in Item B9:  NGVD 1929 NAVD 1988 Other/Source:  312. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No Designation Date:  CBRS OPA		e) Total rated area of engineered flood openings in A8.c (attach document	ntation – see Instruction	ons): sq. ft.	
a) Square footage of attached garage: sq. ft. b) Is there at least one permanent flood opening on two different sides of the attached garage? Yes No N/A c) Enter number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade: Non-engineered flood openings: Engineered flood openings: d) Total net open area of non-engineered flood openings in A9.c: sq. in. e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions): sq. ft.  SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  81.a. NFIP Community Name:  B1.b. NFIP Community Identification Number:  B2. County Name: B3. State: B4. Map/Panel No.: B5. Suffix:  B6. FIRM Index Date: B7. FIRM Panel Effective/Revised Date: B8. Flood Zone(s): B9. Base Flood Depth entered in Item B9: FIS FIRM Community Determined Other:  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:  B2. CBRS OPA		f) Sum of A8.d and A8.e rated area (if applicable – see Instructions):	sq. ft.		
b) Is there at least one permanent flood opening on two different sides of the attached garage? Yes No N/A  c) Enter number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade: Non-engineered flood openings: Engineered flood openings:  d) Total net open area of non-engineered flood openings in A9.c: sq. in.  e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions): sq. ft.  f) Sum of A9.d and A9.e rated area (if applicable – see Instructions): sq. ft.  SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  81.a. NFIP Community Name: B1.b. NFIP Community Identification Number:  82. County Name: B3. State: B4. Map/Panel No.: B5. Suffix:  83. Flood Zone(s): B9. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):  84. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  FIS FIRM Community Determined Other:  85. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source:  86. State NGVD 1929 NAVD 1988 Other/Source:  87. FIRM Designation Date: CBRS OPA	A9.	For a building with an attached garage:			
c) Enter number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade:  Non-engineered flood openings:  Engineered flood openings:  Sq. in.  Total rated area of engineered flood openings in A9.c:  Sum of A9.d and A9.e rated area (if applicable – see Instructions):  SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  S1.a. NFIP Community Name:  B1.b. NFIP Community Identification Number:  B2. County Name:  B3. State:  B4. Map/Panel No.:  B5. Suffix:  B6. FIRM Index Date:  B7. FIRM Panel Effective/Revised Date:  B8. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):  B1. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  FIS FIRM Community Determined Other:  B1. Indicate elevation datum used for BFE in Item B9:  NGVD 1929 NAVD 1988 Other/Source:  B1. Indicated Area (OPA)? Yes No Designation Date:  CBRS OPA		a) Square footage of attached garage: sq. ft.			
Non-engineered flood openings: Engineered flood openings: d) Total net open area of non-engineered flood openings in A9.c: sq. in. e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions): sq. ft. f) Sum of A9.d and A9.e rated area (if applicable – see Instructions): sq. ft.  SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  B1.a. NFIP Community Name: B1.b. NFIP Community Identification Number: B2. County Name: B3. State: B4. Map/Panel No.: B5. Suffix: B6. FIRM Index Date: B7. FIRM Panel Effective/Revised Date: B8. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth): B1.D. Indicate the source of the BFE data or Base Flood Depth entered in Item B9: FIS FIRM Community Determined Other: B1. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source: B1. Indicate dividing located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No Designation Date: CBRS OPA		b) Is there at least one permanent flood opening on two different sides of	the attached garage?	? Yes No N/A	
e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions):  f) Sum of A9.d and A9.e rated area (if applicable – see Instructions):  SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  B1.a. NFIP Community Name:  B1.b. NFIP Community Identification Number:  B2. County Name:  B3. State:  B4. Map/Panel No.:  B5. Suffix:  B6. FIRM Index Date:  B7. FIRM Panel Effective/Revised Date:  B8. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):  B1. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  FIS FIRM Community Determined Other:  B1. Indicate elevation datum used for BFE in Item B9:  NGVD 1929 NAVD 1988 Other/Source:  B1. Indicate devation datum used for BFE in Item B9:  CBRS OPA		the contract of the contract o		acent grade:	
SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  31.a. NFIP Community Name:  B1.b. NFIP Community Identification Number:  32. County Name:  B3. State:  B4. Map/Panel No.:  B5. Suffix:  38. FIRM Index Date:  B7. FIRM Panel Effective/Revised Date:  B8. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):  310. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  FIS FIRM Community Determined Other:  311. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source:  312. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No Designation Date:  CBRS OPA		d) Total net open area of non-engineered flood openings in A9.c:	sq. in.		
SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  81.a. NFIP Community Name:  82. County Name:  83. State:  84. Map/Panel No.:  85. Suffix:  86. FIRM Index Date:  87. FIRM Panel Effective/Revised Date:  88. Flood Zone(s):  89. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):  810. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  811. Indicate elevation datum used for BFE in Item B9:  812. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?  813. NFIP Community Identification Number:  814. Map/Panel No.:  815. Suffix:  816. Map/Panel No.:  817. FIRM Panel Effective/Revised Date:  818. Flood Zone(s):  819. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):  810. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  811. Indicate elevation datum used for BFE in Item B9:  812. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?  813. State:  814. Map/Panel No.:  815. Suffix:  816. Map/Panel No.:  817. FIRM Panel Effective/Revised Date:  818. Map/Panel No.:  819. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):  819. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):  810. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  811. Indicate elevation datum used for BFE in Item B9:  812. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?  813. Indicate Elevation Date:  814. Base Flood Elevation (Summary Panel Resources System (CBRS) area or Otherwise Protected Area (OPA)?  815. Summary Panel Effective/Revised Date:  828. Base Flood Elevation(s) (BFE) (Automary Panel Resources Panel R		e) Total rated area of engineered flood openings in A9.c (attach documer	ntation – see Instruction	ons): sq. ft.	
B1.b. NFIP Community Name:  B3. State:  B4. Map/Panel No.:  B5. Suffix:  B6. FIRM Index Date:  B7. FIRM Panel Effective/Revised Date:  B8. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):  B10. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  FIS FIRM Community Determined Other:  B11. Indicate elevation datum used for BFE in Item B9:  B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?  S13. State:  B13. State:  B44. Map/Panel No.:  B55. Suffix:  B65. Suffix:  B75. FIRM Panel Effective/Revised Date:  B76. Suffix:  B77. FIRM Panel Effective/Revised Date:  B77. FIRM Panel Effective/Revised Date:  B78. Suffix:  B79. Suffi		f) Sum of A9.d and A9.e rated area (if applicable – see Instructions):	sq. ft.		
B3. State: B4. Map/Panel No.: B5. Suffix:  B6. FIRM Index Date: B7. FIRM Panel Effective/Revised Date:  B8. Flood Zone(s): B9. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):  B10. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  FIS FIRM Community Determined Other:  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 B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION				
B7. FIRM Panel Effective/Revised Date:  B9. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):  B9. Base Flood Depth entered in Item B9:  FIS FIRM Community Determined Other:  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	B1.	a. NFIP Community Name:	B1.b. NFIP Com	munity Identification Number:	
B9. Base Flood Zone(s):  B9. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):  B10. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  FIS FIRM Community Determined Other:  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: OBRS OPA	B2.	County Name: B3. State:	B4. Map/Panel No.:	B5. Suffix:	
B10. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:  FIS FIRM Community Determined Other:  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: OPA	B6.	FIRM Index Date: B7. FIRM Panel Effective/Rev	ised Date:		
FIS FIRM Community Determined Other:  311. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source:  312. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No Designation Date: OPA	B8.	B8. Flood Zone(s): B9. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):			
312. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No Designation Date: OPA	B10	B10. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:    FIS   FIRM   Community Determined   Other:			
Designation Date: CBRS OPA	B11	B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source:			
313. Is the building located seaward of the Limit of Moderate Wave Action (LiMWA)? Yes No	B12				
	B13	313. Is the building located seaward of the Limit of Moderate Wave Action (LiMWA)? Yes No			

FEMA Form FF-206-FY-22-152 (formerly 086-0-33) (8/23)

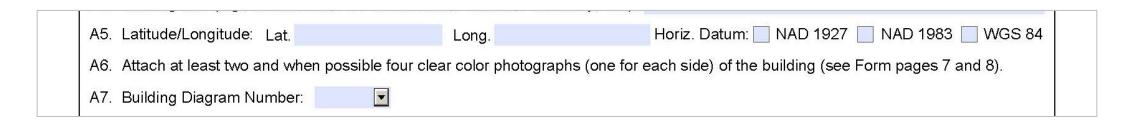
### **Section A**

- Lines A1-4: Building location, address, parcel number, and or description must match permit documentation.
- Floodplain administrators may ask to for a site map to be included



### **Section A**

- Line A5:
  - Decimal degrees: at least 6 decimal places or more
  - For degrees, minutes, seconds, at least 2 decimal places
  - FEMA prefers NAD 1983 as the coordinate system
- Line A6: Include 4 photographs taken within 90 days of completing the survey. Must confirm building diagram number, flood openings, and location of Machinery and Equipment
- Line A7: Select the building diagram from the instructions starting on page 9

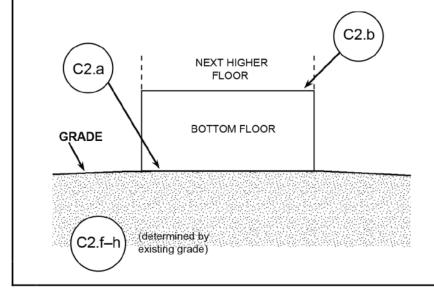


# Diagram 1 - Slab

#### **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.

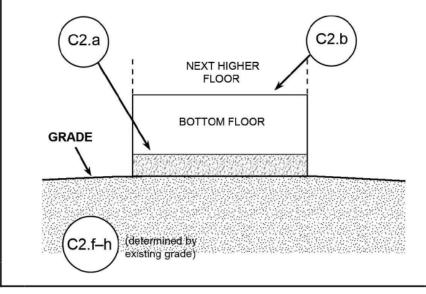
**Distinguishing Feature** – The bottom floor is at or above ground level (grade) on at least one side.\*



#### **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 one side.\*

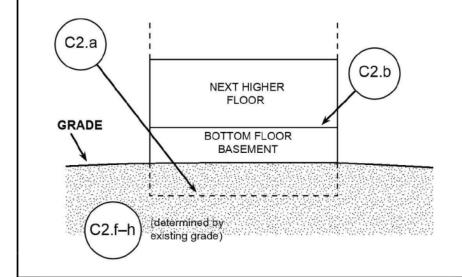


# Diagram 2 - Basements

#### **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.

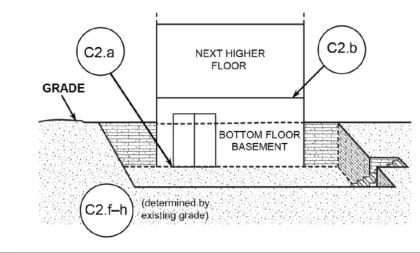
**Distinguishing Feature** – The bottom floor (basement or underground garage) is below ground level (grade) on all sides.\*



#### **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.\*

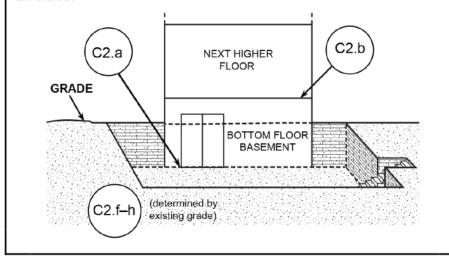


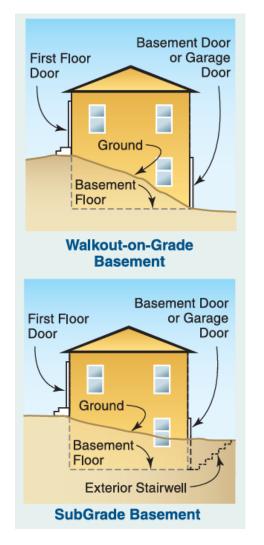
# Diagram 2 - Basements

#### **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.\*









# Diagram 2 - Basements

#### **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.\*

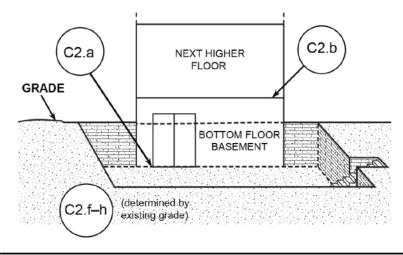




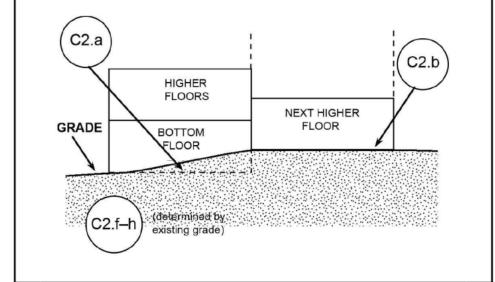
Photo from Houzz Photos & Ideas

# Diagram 3 & 4 - Split Level

#### **DIAGRAM 3:**

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

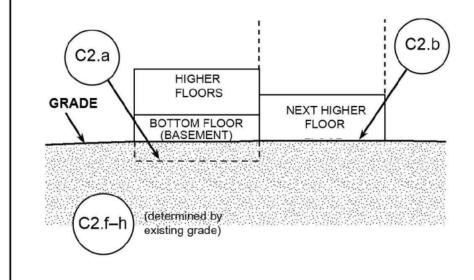
**Distinguishing Feature** – The bottom floor (excluding garage) is at or above ground level (grade) on at least one side.\*



#### **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.\*

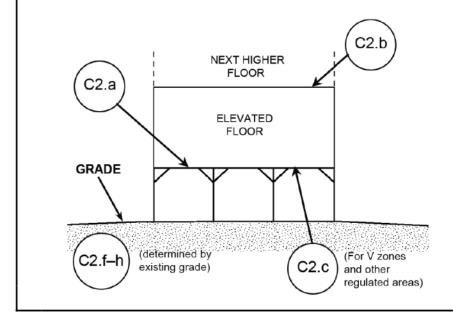


# Diagram 5 & 6 - Posts/Piers

#### **DIAGRAM 5**:

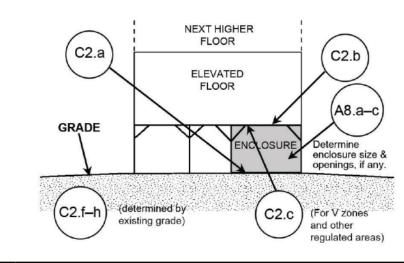
All buildings elevated on piers, posts, piles, columns, or parallel shear walls. No obstructions below the elevated floor.

**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.

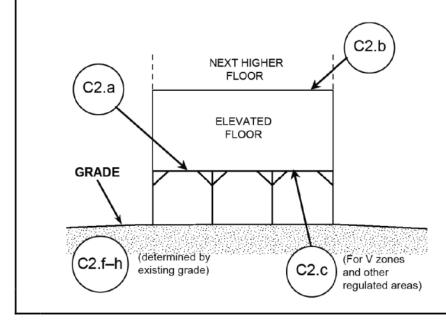


# Diagram 5 & 6 - Posts/Piers

#### **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).

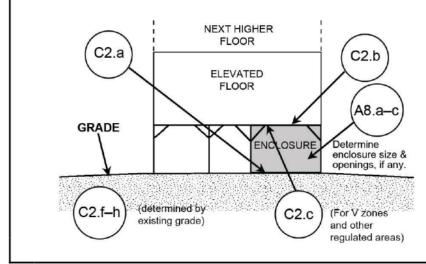




# Diagram 5 & 6 - Posts/Piers

#### **DIAGRAM 6:**

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

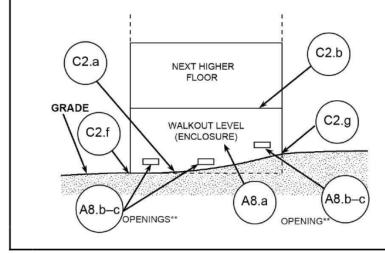




### Diagram 7 – Walkout Enclosure

#### **DIAGRAM 7**:

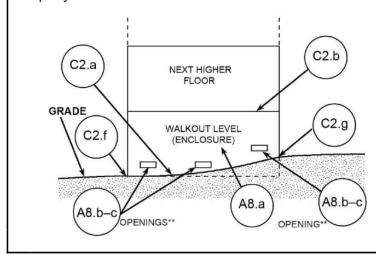
All buildings elevated on full-story foundation walls with a partially or fully enclosed area below the elevated floor. This includes walkout levels, where at least one side is at or above grade. The principal use of this building is located in the elevated floors of the building.

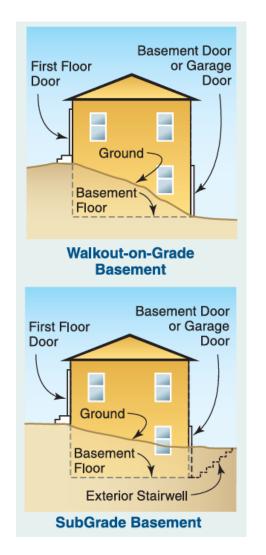


### Diagram 7 – Walkout Enclosure

#### **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 one side is at or above grade. The principal use of this building is located in the elevated floors of the building.







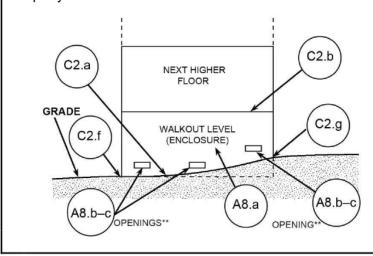


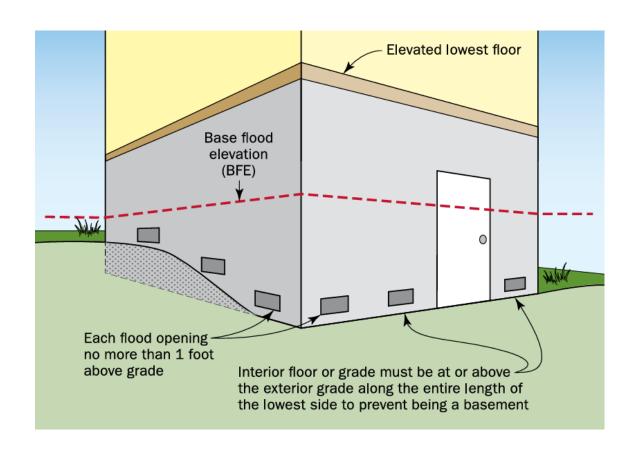
# Diagram 7 – Walkout Enclosure

#### **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 one 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.



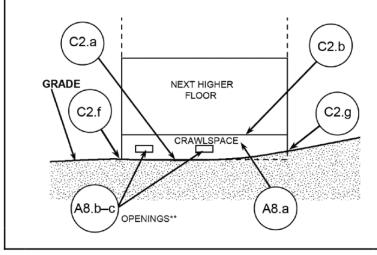


# Diagram 8 & 9 - Crawlspace

#### **DIAGRAM 8:**

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

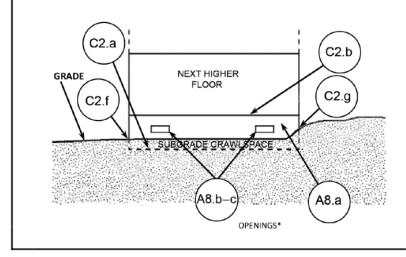
**Distinguishing Feature** – For all zones, the area below the first floor is enclosed by solid or partial perimeter walls. In all A zones, the crawlspace is with or without openings\*\* present in the walls of the crawlspace. Indicate information about crawlspace size and openings in Section A - Property Information. (If the distance from the crawlspace floor to the top of the next higher floor is more than 5 feet, use Diagram 7.)



#### **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 five feet, or the crawlspace floor is more than two feet below the grade [LAG] on all sides, use Diagram 2A or 2B.)



# **Section A**

- Line A8: Buildings with a crawlspace or enclosure below the lowest floor
  - Does NOT include attached garages (use A9)
  - If no crawlspace, mark N/A for A8.a-f
  - Sums must equal the 1ft<sup>2</sup> of enclosed space : 1in<sup>2</sup> of openings ratio
  - When measuring the enclosure, measure from the outside

A8. For a building with a crawlspace or enclos	ure(s):
a) Square footage of crawlspace or enclo	sure(s): sq. ft.
b) Is there at least one permanent flood o	pening on two different sides of each enclosed area? 🔲 Yes 🔲 No 🔃 N/A
c) Enter number of permanent flood open Non-engineered flood openings:	ings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade:  Engineered flood openings:
d) Total net open area of non-engineered	flood openings in A8.c: sq. in.
e) Total rated area of engineered flood op	penings in A8.c (attach documentation – see Instructions):
f) Sum of A8.d and A8.e rated area (if ap	plicable – see Instructions): sq. ft.

# **Section A**

- Line A8: Buildings with a crawlspace or enclosure below the lowest floor
  - Does NOT include attached garages (use A9)
  - Now allows for a combination of engineered vents and regular openings
  - A8.a-f: Sums must equal the 1ft² of enclosed space : 1in² of openings ratio

If engineered vents are used, place manufacturing information in comments and attach certificate

Comments (including source of conversion factor in C2; type of equipment and location per C2.e; and description of any attachments):

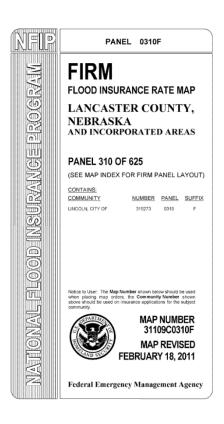
A8 and A9 — Engineered openings manufactured by XXX Company Inc., model number XX-XXX, rated XXX per unit

# **Section A**

- Line A9: Buildings with a laterally attached garage
  - Does NOT include buildings above an enclosure
  - Take measurements from outside of garage
  - If no attached garage, mark N/A for A9.a-f

A9. For a building with an attached garage:	
a) Square footage of attached garage:	sq. ft.
b) Is there at least one permanent flood oper	ning on two different sides of the attached garage?  Yes No N/A
c) Enter number of permanent flood opening Non-engineered flood openings:	s in the attached garage within 1.0 foot above adjacent grade:  Engineered flood openings:
d) Total net open area of non-engineered flo	od openings in A9.c: sq. in.
e) Total rated area of engineered flood open	ngs in A9.c (attach documentation – see Instructions): sq. ft.
f) Sum of A9.d and A9.e rated area (if applic	able – see Instructions): sq. ft.

- Line B1-B5: Can be found directly from the FIRM panel title block
- Lines B6 and 7: Index and any revision dates can be found using the <u>Map Service Center</u>



SECTION	B – FLOOD INSURANCE	RATE MAP (FIRM) INFORMATION	N
B1.a. NFIP Community Name:		B1.b. NFIP Community Ide	entification Number:
B2. County Name:	B3. State:	B4. Map/Panel No.:	B5. Suffix:
B6. FIRM Index Date:	B7. FIRM Panel Effec	ctive/Revised Date:	

- Line B1-B5: Can be found directly from the FIRM panel title block
- Lines B6 and 7: Index and any revision dates can be found using the <u>Map Service Center</u>

The flood map for the selected area is number 31109C0310F, effective on 2/18/2011

**DYNAMIC MAP** 

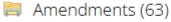


**MAP IMAGE** 



Changes to this FIRM 🔞

Revisions (1) 13-07-1915P-315273 06/27/2014 ♣DL



Revalidations (2)

- Line B8: Identify the flood zone (A, AE, AO, etc.). If the structure has a LOMA/LOMR-F, indicate the zone shown on the determination.
- Line B9: Indicate the BFE. If Zone AO, add the depth number to the highest adjacent grade, don't just put the depth number.
- Line B10: Most commonly missed line. Only use FIRM for AH zones. When NeDNR provides a map for A zones, mark "Other" and write "NeDNR Determined with the effective date.

B8. Flood Zone(s):	B9. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):
	the BFE data or Base Flood Depth entered in Item B9:  Community Determined  Other:
B11. Indicate elevation dat	um used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source:
B12. Is the building located	l in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? 🔲 Yes 🔃 No
	CBRS OPA

- Line B11: Indicate the datum used. Datum for the FIRM can be found in Map Legend
- Line B12: Does not apply to Nebraska, but don't leave blank
- Line B13: Does not apply to Nebraska, but don't leave blank

B8. Flood Zone(s):	B9. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth):
	the BFE data or Base Flood Depth entered in Item B9:  Community Determined Other:
B11. Indicate elevation date	um used for BFE in Item B9: 🔲 NGVD 1929 🔲 NAVD 1988 🔲 Other/Source:
	in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?
B12. Is the building located	The Coastal Barrier Resources Cystem (CBRO) area of Otherwise Frotected Area (OF A):

- Section C can only be completed by a registered land surveyor, architect, or engineer
- Ensure that the heading on each page is filled in with the correct information. Is redundant, but this verifies that each page is talking about the same structure
- C1: While construction drawing and mid-construction elevations are helpful, they are not required. Post-construction elevations MUST be obtained

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.:			FOR INSURANCE COMPANY USE	
City: St.	tate:	ZIP Code:	Policy Number:	
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: Includes the most important information you will review as the FPA, the surveyed elevations of the structure
  - C2.a\*: Top of the bottom floor. Might be lower than the BFE, because this number includes the basement, crawlspace, or enclosure elevation. If no basement or enclosure, this number must meet your elevation requirements.
  - C2.b\*: Top of next higher floor. For structures with an enclosure or crawlspace, this number must meet your elevation requirements.

Indicate elevation datum used for the elevations in items a) through h) below.  NGVD 1929 NAVD 1988 Other:	-8
Datum used for building elevations must be the same as that used for the BFE. Conversion factor used?	Yes No
If Yes, describe the source of the conversion factor in the Section D Comments area.	Check the measurement used:
a) Top of bottom floor (including basement, crawlspace, or enclosure floor):	feet meters
b) Top of the next higher floor (see Instructions):	feet meters
c) Bottom of the lowest horizontal structural member (see Instructions):	feet meters
d) Attached garage (top of slab):	feet meters

- C2: Includes the most important information you will review as the FPA, the surveyed elevations of the structure
  - C2.c: Not a required number for riverine flooding, but may still be recorded by the surveyor if they want
  - C2.d: If the structure has an attached garage, would be based on the top of the slab.

Indicate elevation datum used for the elevations in items a) through h) below.  NGVD 1929 NAVD 1988 Other:	
Datum used for building elevations must be the same as that used for the BFE. Conversion factor used?	Yes No
If Yes, describe the source of the conversion factor in the Section D Comments area.	Check the measurement used:
a) Top of bottom floor (including basement, crawlspace, or enclosure floor):	feet meters
b) Top of the next higher floor (see Instructions):	feet meters
c) Bottom of the lowest horizontal structural member (see Instructions):	feet meters
d) Attached garage (top of slab):	feet meters

- C2: Includes the most important information you will review as the FPA, the surveyed elevations of the structure
  - C2.e: Lowest platform, floor, or ground elevation of the HVAC, plumbing, or electrical components. Information for all other components can be recorded in the comments.

e) Lowest elevation of Machinery and Equipment (M&E) servicing the building (describe type of M&E and location in Section D Comments area):	feet meters			
f) Lowest Adjacent Grade (LAG) next to building: Natural Finished	feet meters			
g) Highest Adjacent Grade (HAG) next to building: Natural Finished	feet meters			
h) Finished LAG at lowest elevation of attached deck or stairs, including structural support:	feet meters			
Comments (including source of conversion factor in C2; type of equipment and location per C2.e; and description of any attachments):				

C2 - Elevation of Lowest Electrical Outlet – XXXX.XXft
Elevation of Electrical Breaker Box – XXXX.XXft

- C2: Includes the most important information you will review as the FPA, the surveyed elevations of the structure
  - C2.f: Lowest ground elevation touching the structure, including sidewalks or patios. Must indicate finished or natural. If natural, must include grading plans as proof. When in doubt, use finished.
  - C2.g: Highest adjacent grade to the structure
  - C2.h: Lowest elevation next to any footings, supports, or stairs

e) Lowest elevation of Machinery and Equipment (M&E) servicing the building (describe type of M&E and location in Section D Comments area):	feet meters
f) Lowest Adjacent Grade (LAG) next to building: Natural Finished	feet meters
g) Highest Adjacent Grade (HAG) next to building: Natural Finished	feet meters
h) Finished LAG at lowest elevation of attached deck or stairs, including structural support:	feet meters

# **Section D**

- The professional that completed Section C must complete Section D
- Must include seal and license number, which can be verified by the FPA through:
  - NE Board of Engineers and Architects
     <a href="https://www.nebraska.gov/ea/search/search.p">https://www.nebraska.gov/ea/search/search.p</a>
     <a href="https://www.nebraska.gov/ea/search/search.p">hp</a>
  - NE Dept of Labor Contractor Registration <a href="https://dol.nebraska.gov/conreg/Search">https://dol.nebraska.gov/conreg/Search</a>
  - NE State Surveyor
     <a href="https://nbels.nebraska.gov/lsalpha.html">https://nbels.nebraska.gov/lsalpha.html</a>

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION  This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by state 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 a false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.  Were latitude and longitude in Section A provided by a licensed land surveyor? Yes No Check here if attachments and describe in the Comments area.  Certifier's Name:  License Number:  Title:  Company Name:  Address:  City:  State:  State:  ZIP Code:  Telephone:  Date:  Place Seal Here  Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building own Comments (including source of conversion factor in C2; type of equipment and location per C2.e; and description of any attachments):					
information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that a false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.  Were latitude and longitude in Section A provided by a licensed land surveyor? Yes No Check here if attachments and describe in the Comments area.  Certifier's Name: License Number: Title:  Company Name: Address:  City: State: ZIP Code: Place Seal Here  Signature: Date: Place Seal Here  Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building own	SECTI	ON D - SURVE	YOR, ENGINEE	ER, OR ARCHITECT CER	TIFICATION
Check here if attachments and describe in the Comments area.  Certifier's Name:  License Number:  Title:  Company Name:  Address:  City:  State:  ZIP Code:  Telephone:  Ext.:  Email:  Signature:  Date:  Place Seal Here  Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building own	information. I certify that the inform	nation on this Certi	ificate represents	my best efforts to interpret th	
Certifier's Name:  Title:  Company Name:  Address:  City:  State:  ZIP Code:  Telephone:  Ext.:  Email:  Signature:  Date:  Place Seal Here  Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building own	Were latitude and longitude in Ser	ction A provided by	a licensed land	surveyor? Yes No	
Title:  Company Name:  Address:  City: State: ZIP Code:  Telephone: Ext.: Email:  Signature: Date: Place Seal Here  Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building own	Check here if attachments and	describe in the Co	mments area.		
Company Name:  Address:  City: State: ZIP Code:  Telephone: Ext.: Email:  Signature: Date: Place Seal Here  Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building own	Certifier's Name:		License	Number:	
Address:  City: State: ZIP Code:  Telephone: Ext.: Email:  Signature: Date: Place Seal Here  Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building own	Title:				
City: State: ZIP Code:  Telephone: Ext.: Email:  Signature: Date: Place Seal Here  Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building own	Company Name:				
Telephone: Ext.: Email:  Signature: Date: Place Seal Here  Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building own	Address:				
Signature:  Date:  Place Seal Here  Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building own	City:		State:	▼ ZIP Code:	
Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building own	Telephone:	Ext.:	Email:		
	Signature:			Date:	Place Seal Here
Comments (including source of conversion factor in C2; type of equipment and location per C2.e; and description of any attachments):	Copy all pages of this Elevation Ce	rtificate and all attac	chments for (1) co	mmunity official, (2) insurance	agent/company, and (3) building owner.
	Comments (including source of co	nversion factor in	C2; type of equip	ment and location per C2.e; a	nd description of any attachments):
	Comments (merading course of co		, type of equip	ment and receipt per early, e	ina decempion of any anaemiency.

# **Section E**

- Only applies to AO zone development. Zone A without BFE does not apply to Nebraska, because NeDNR can provide these elevations
- Again, heading must match previous pages
- For proof of compliance, must be made based on finished construction
- This section can be completed without a professional survey, as measurements are made based on the grade
- Survey is still recommended to determine the Highest Adjacent Grade

#### Form Instructions

#### ELEVATION CERTIFICATE

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11

Building Street Address (including Apt., Unit, Suite, a	nd/or Bldg. No.	) or P.O. Route and Box No.:	FOR INSURANCE COMPANY USE	
City:	State:	ZIP Code:	Policy Number:	
		NT INFORMATION (SURVEY AO, AND ZONE A (WITHOUT		
For Zones AO, AR/AO, and A (without BFE), compintended to support a Letter of Map Change requesenter meters.				
Building measurements are based on: Constr *A new Elevation Certificate will be required when	uction Drawing construction of		ion* Finished Construction	
E1. Provide measurements (C.2.a in applicable Building Diagram) for the following and check the appropriate boxes to show whether the measurement is above or below the natural HAG and the LAG.				
<ul> <li>a) Top of bottom floor (including basement, crawlspace, or enclosure) is:</li> </ul>		feet meters	above or below the HAG.	
<ul> <li>Top of bottom floor (including basement, crawlspace, or enclosure) is:</li> </ul>		feet meters	above or below the LAG.	
E2. For Building Diagrams 6–9 with permanent flo next higher floor (C2.b in applicable Building Diagram) of the building is:	od openings p	rovided in Section A Items 8 and/		
E3. Attached garage (top of slab) is:		feet meters	above or below the HAG.	
E4. Top of platform of machinery and/or equipmer servicing the building is:	nt	feet meters	s above or below the HAG.	
E5. Zone AO only: If no flood depth number is ava floodplain management ordinance? Yes		•	accordance with the community's nust certify this information in Section G.	

# **Section E**

- E1.a\*: Top of the bottom floor compared to the HAG. Might be lower than the BFE, because this number includes the basement, crawlspace, or enclosure elevation. **If no basement or enclosure**, this number must meet your elevation requirements.
- E1.b: Top of bottom floor compared to the LAG.

Building Street Address (including Apt., Unit, Suite, a	ox No.:	FOR INSURANCE COMPANY USE				
City:	State:	ZIP Code:		Policy Number:		
SECTION E – BUILDING M FOR ZONE AC		INFORMATION O, AND ZONE A				
For Zones AO, AR/AO, and A (without BFE), complete Items E1–E5. For Items E1–E4, use natural grade, if available. If the Certificate is intended to support a Letter of Map Change request, complete Sections A, B, and C. Check the measurement used. In Puerto Rico only, enter meters.						
Building measurements are based on: Const. *A new Elevation Certificate will be required when		Building Unde		n* Finished Construction		
E1. Provide measurements (C.2.a in applicable Branch measurement is above or below the natural H		or the following an	d check the ap	propriate boxes to show whether the		
<ul> <li>a) Top of bottom floor (including basement, crawlspace, or enclosure) is:</li> </ul>		feet	meters	above or below the HAG.		
<ul><li>b) Top of bottom floor (including basement, crawlspace, or enclosure) is:</li></ul>		feet	meters	above or below the LAG.		

# **Section E**

- E2\*: Top of next higher floor compared to the HAG. For structures with an enclosure or crawlspace, this number must meet your elevation requirements
- E3: For an attached garage. In relation to the HAG, the height of the top of the slab
- E4: Elevation of HVAC, plumbing, or electrical components in relation to the HAG
- E5: In Zone AO without a depth number, the default is 2ft

E2.	For Building Diagrams 6–9 with permanent flood openir next higher floor (C2.b in applicable	gs provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the
	Building Diagram) 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 t floodplain management ordinance? Yes No	he top of the bottom floor elevated in accordance with the community's  Unknown The local official must certify this information in Section G.

# **Section F**

- Whoever completed Section E must fill out Section F with their signature
- Can be the property owner or another representative
- The floodplain administrator is highly encouraged to complete an inspection to verify these numbers are accurate
- If the floodplain administrator completed Section E, they should certify their information in Section G rather than here

City: State: ZIP Code:  Telephone: Ext.: Email:	SECTION F	- PROPERTY OWNER	(OR OWNER'S	UTHORIZED	REPRESE	ENTATIVE) CERTIFICATION	
Property Owner or Owner's Authorized Representative Name:  Address:  City:  State:  ZIP Code:  Telephone:  Ext.:  Email:						Zone A (without BFE) or Zone AO	nust
Address:  City: State: ZIP Code:  Telephone: Ext.: Email:	Check here if attach	ments and describe in the	Comments area.				
City: State: ZIP Code:  Telephone: Ext.: Email:	Property Owner or Owne	er's Authorized Representa	ative Name:				
Telephone: Ext.: Email:	Address:						
	City:				State:	▼ ZIP Code:	
Signature: Date:	Telephone:	Ext.:	Email:				
Signature: Date:							
ogniture.	Signature:			Date:			
	Comments:						
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Continents.							
Continents.							
Comments.							

FEMA Form FF-206-FY-22-152 (formerly 086-0-33) (8/23)

Form Page 4 of 8

# **Section G**

- Recommended for all communities, but is required for CRS communities
  - Lines G8 and G11 are required at a minimum for CRS compliance
  - Will be flagged during recertification if not completed
- Typically, this section is completed upon receipt of the form by the FPA
- Allows the FPA to align the EC with the original permit documents

Form Instructions

#### ELEVATION CERTIFICATE

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11

Buildin	g Street Address (including Apt., Unit, Suite, and	/or Bldg. No.) or P.C	D. Route and B	Box No.:	FOR INSU	RANCE	COMPANY USE
					Policy Num	nber:	
City: _	Si	tate: ZIF	P Code:		Company N	NAIC Num	nber:
	SECTION G - COMMUNITY INFORMAT	ION (RECOMME	NDED FOR	соммии!	TY OFFICIA	L COMP	LETION)
	cal official who is authorized by law or ordinanc n A, B, C, E, G, or H of this Elevation Certificat					dinance ca	an complete
G1.	☐ The information in Section C was taken frengineer, or architect who is authorized belevation data in the Comments area belowed.	y state law to certif					
G2.a.	A local official completed Section E for a B E5 is completed for a building located in Z		Zone A (witho	ut a BFE), Zo	ne AO, or Zoi	ne AR/AO	, or when item
G2.b.	A local official completed Section H for ins	surance purposes.					
G3.	In the Comments area of Section G, the k	ocal official describ	es specific co	rrections to th	e information	in Section	ns A, B, E and H.
G4.	The following information (Items G5–G11)	) is provided for co	mmunity flood	plain manage	ment purpose	∋s.	
G5.	Permit Number:	G6. Date Permit	t Issued:				
G7.	Date Certificate of Compliance/Occupancy Iss	sued:					
G8.	This permit has been issued for: New Co	nstruction 🔲 Sub	bstantial Impro	ovement			
G9.a.	Elevation of as-built lowest floor (including barbuilding:	sement) of the		feet	meters	Datum:	
G9.b.	Elevation of bottom of as-built lowest horizont member:	al structural		feet	meters	Datum:	
G10.a.	BFE (or depth in Zone AO) of flooding at the k	ouilding site:		feet	meters	Datum:	
G10.b.	Community's minimum elevation (or depth in a requirement for the lowest floor or lowest horizmember:			feet	meters	Datum:	
G11.	Variance issued? Yes No If yes,	attach documentat	tion and descr	ibe in the Co	mments area.		
	cal official who provides information in Section to the best of my knowledge. If applicable, I h.						
Local (	Official's Name:		Title:				
NFIP (	Community Name:						
Teleph	one: Ext.:	Email:					
Addres	ss:						
City:				State:	▼ ZIP Co	ode:	
o: .							
Signat			Date:				
	ents (including type of equipment and location, ns A, B, D, E, or H):	, per C2.e; descript	ion of any atta	achments; and	d corrections	to specific	Information in

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Form Page 5 of 8

- New, only for flood insurance rating
- Can be completed by anyone
- Used to certify First Floor Height above grade
  - Only for floors at or above grade
  - Never includes floors below grade
- Property owner may still hire a surveyor to complete Section C



Photo: M. Gilbert

- May reduce flood insurance rates
- FEMA will use lower of the two rates, so it never hurts to submit an EC to a lender/insurance agent
- Property owner may still hire a surveyor to complete Section C

Form Instructions

#### **ELEVATION CERTIFICATE**

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11

SECTION H - BUILDING'S FIRST FLOOR HEIGHT INFORMATION FOR ALL ZONES (SURVEY NOT REQUIRED) (FOR INSURANCE PURPOSES ONLY)  The property owner, owner's authorized representative, or local floodplain management official may complete Section H for all flood zones to determine the buildings first floor height for insurance purposes. Sections A, B, and I must also be completed. Enter heights to the nearest tenth of a foot (nearest tenth of a meter in Puerto Rico). Reference the Foundation Type Diagrams (at the end of Section H Instructions) and the appropriate Building Diagrams (at the end of Section I Instructions) a complete this section H instructions and the appropriate Building Diagrams (at the end of Section I Instructions) a complete this section of the floor (as indicated in Foundation Type Diagrams) above the Lowest Adjacent Grade (LAG):  a) For Building Diagrams 1A, 18, 3, and 5-8. Top of bottom floor (include above-grade floors only for buildings with crawfspaces or enclosure floors) is:  b) For Building Diagrams 2A, 28, 4, and 6-9. Top of next higher floor (i.e., the floor above basement, crawfspace, or enclosure floor) is:  12. Is all Machinery and Equipment servicing the building (as listed in Item H2 instructions) elevated to or above the floor indicated by the H2 arrow (shown in the Foundation Type Diagrams at end of Section H instructions) or the appropriate Building Diagram?  13. SecTION I - PROPERTY OWNER (OR OWNER'S AUTHORIZED REPRESENTATIVE) CERTIFICATION  The property owner or owner's authorized representative who completes Sections A, B, and H must sign here. The statements in Sections A, B, and H are correct to the best of my knowledge. Note: If the local floodplain management official completed Section H, they should indicate in Item B2 bail and the section B. The statements are an experiment of the statements are provided (including required photos) and describe each attachment in the Comments area.  13. Property Owner or Owner's Authorized Representative Name:  14. State B2 bailties B2 bailt	Building Street Address (III	cluding Apt., Offit, Suite, an	ш/от ышу. 140.) от г	O. Roule and Bi	JX INU			
SECTION H – BUILDING'S FIRST FLOOR HEIGHT INFORMATION FOR ALL ZONES (SURVEY NOT REQUIRED) (FOR INSURANCE PURPOSES ONLY)  The property owner, owner's authorized representative, or local floodplain management official may complete Section H for all flood zones to determine the building's first floor height for insurance purposes. Sections A, B, and I must also be completed. Enter heights to the nearest tenth of a foot (nearest tenth of a meter in Puerto Rico). Reference the Poundation Type Diagrams (at the end of Section H Instructions) and the appropriate Building Diagrams (at the end of Section I Instructions) to complete this section.  H1. Provide the height of the top of the floor (as indicated in Foundation Type Diagrams) above the Lowest Adjacent Grade (LAG):  a) For Building Diagrams 1A, 1B, 3, and 5–8. Top of bottom floor (include above-grade floors only for buildings with crawspaces or enclosure floors) is:  b) For Building Diagrams 2A, 2B, 4, and 6–9. Top of next higher floor (i.e., the floor above basement, craw/space, or enclosure floor) is:  H2. Is all Machinery and Equipment servicing the building (as listed in Item H2 instructions) elevated to or above the floor indicated by the H2 arrow (shown in the Foundation Type Diagrams at end of Section H instructions) for the appropriate Building Diagram?  Yes No  SECTION I – PROPERTY OWNER (OR OWNER'S AUTHORIZED REPRESENTATIVE) CERTIFICATION  The property owner or owner's authorized representative who completes Sections A, B, and H must sign here. The statements in Sections A, B, and H are correct to the best of my knowledge. Note: If the local floodplain management official completed Section H, they should indicate in Item G2. b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attachment in the Comments area.  Property Owner or Owner's Authorized Representative Name:  Address:  City: State: ZIP Code:  Telephone: Ext.: Email:	City:		State:	ZIP Code:			,	
(SURVEY NOT REQUIRED) (FOR INSURANCE PURPOSES ONLY)  The property owner, owner's authorized representative, or local floodplain management official may complete Section H for all flood zones to determine the building's first floor height for insurance purposes. Sections A, B, and I must also be completed. Enter heights to the nearest tenth of a foot (nearest tenth of a meter in Puerto Rico). Reference the Foundation Type Diagrams (at the end of Section H Instructions) and the appropriate Building Diagrams (at the end of Section I Instructions) to complete this section.  H1. Provide the height of the top of the floor (as indicated in Foundation Type Diagrams) above the Lowest Adjacent Grade (LAG):  a) For Building Diagrams 1A, 1B, 3, and 5–8. Top of bottom floor (include above-grade floors only for buildings with crawlspaces or enclosure floors) is:  b) For Building Diagrams 2A, 2B, 4, and 6–9. Top of next higher floor (i.e., the floor above basement, crawlspace, or enclosure floor) is:  H2. Is all Machinery and Equipment servicing the building (as listed in Item H2 instructions) elevated to or above the floor indicated by the H2 arrow (shown in the Foundation Type Diagrams at end of Section H instructions) for the appropriate Building Diagram?  Yes No  SECTION I – PROPERTY OWNER (OR OWNER'S AUTHORIZED REPRESENTATIVE) CERTIFICATION  The property owner or owner's authorized representative who completes Sections A, B, and H must sign here. The statements in Sections A, B, and H are correct to the best of my knowledge. Note: If the local floodplain management official completed Section H, they should indicate in Item G2 b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attachment in the Comments area.  Property Owner or Owner's Authorized Representative Name:  Address:  City: State: ZIP Code:  Telephone: Ext: Email:  Signature:						Company NAIC	Number:	
to determine the building's first floor height for insurance purposes. Sections A, B, and I must also be completed. Enter heights to the nearest tenth of a foot (nearest tenth of a meter in Puerto Rico). *Reference the Foundation Type Diagrams (at the end of Section H Instructions) and the appropriate Building Diagrams (at the end of Section I Instructions) to complete this section.  H1. Provide the height of the top of the floor (as indicated in Foundation Type Diagrams) above the Lowest Adjacent Grade (LAG):  a) For Building Diagrams 1A, 1B, 3, and 5–8. Top of bottom floor (include above-grade floors only for buildings with crawlspaces or enclosure floors) is:  b) For Building Diagrams 2A, 2B, 4, and 6–9. Top of next higher floor (i.e., the floor above basement, crawlspace, or enclosure floor) is:  H2. Is all Machinery and Equipment servicing the building (as listed in Item H2 instructions) elevated to or above the floor indicated by the H2 arrow (shown in the Foundation Type Diagrams at end of Section H instructions) for the appropriate Building Diagram?  Yes No  **SECTION I - PROPERTY OWNER (OR OWNER'S AUTHORIZED REPRESENTATIVE) CERTIFICATION**  The property owner or owner's authorized representative who completes Sections A, B, and H must sign here. The statements in Sections A, B, and H are correct to the best of my knowledge. Note: If the local floodplain management official completed Section H, they should indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attachment in the Comments area.  Property Owner or Owner's Authorized Representative Name:  Address:  City:  Telephone:  Ext.: Email:  Signature:  Date:								
a) For Building Diagrams 1A, 1B, 3, and 5–8. Top of bottom floor (include above-grade floors only for buildings with crawlspaces or enclosure floors) is:  b) For Building Diagrams 2A, 2B, 4, and 6–9. Top of next higher floor (i.e., the floor above basement, crawlspace, or enclosure floor) is:  H2. Is all Machinery and Equipment servicing the building (as listed in Item H2 instructions) elevated to or above the floor indicated by the H2 arrow (shown in the Foundation Type Diagrams at end of Section H instructions) for the appropriate Building Diagram?  Yes No  SECTION I – PROPERTY OWNER (OR OWNER'S AUTHORIZED REPRESENTATIVE) CERTIFICATION  The property owner or owner's authorized representative who completes Sections A, B, and H must sign here. The statements in Sections A, B, and H are correct to the best of my knowledge. Note: If the local floodplain management official completed Section H, they should indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attachment in the Comments area.  Property Owner or Owner's Authorized Representative Name:  Address:  City: State: ZIP Code:  Telephone: Ext.: Email:	to determine the building's first floor height for insurance purposes. Sections A, B, and I must also be completed. Enter heights to the nearest tenth of a foot (nearest tenth of a meter in Puerto Rico). <i>Reference the Foundation Type Diagrams (at the end of Section H</i>							
floor (include above-grade floors only for buildings with crawlspaces or enclosure floors) is:  b) For Building Diagrams 2A, 2B, 4, and 6–9. Top of next higher floor (i.e., the floor above basement, crawlspace, or enclosure floor) is:  H2. Is all Machinery and Equipment servicing the building (as listed in Item H2 instructions) elevated to or above the floor indicated by the H2 arrow (shown in the Foundation Type Diagrams at end of Section H instructions) for the appropriate Building Diagram?  Yes No  SECTION I – PROPERTY OWNER (OR OWNER'S AUTHORIZED REPRESENTATIVE) CERTIFICATION  The property owner or owner's authorized representative who completes Sections A, B, and H must sign here. The statements in Sections A, B, and H are correct to the best of my knowledge. Note: If the local floodplain management official completed Section H, they should indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attachment in the Comments area.  Property Owner or Owner's Authorized Representative Name:  Address:  City: State: ZIP Code:  Telephone: Ext.: Email:  Signature: Date:	H1. Provide the height of	the top of the floor (as ind	icated in Foundati	on Type Diagran	ns) above the	e Lowest Adjacent	t Grade (LAG):	
higher floor (i.e., the floor above basement, crawlspace, or enclosure floor) is:  H2. Is all Machinery and Equipment servicing the building (as listed in Item H2 instructions) elevated to or above the floor indicated by the H2 arrow (shown in the Foundation Type Diagrams at end of Section H instructions) for the appropriate Building Diagram?  Yes No  SECTION I – PROPERTY OWNER (OR OWNER'S AUTHORIZED REPRESENTATIVE) CERTIFICATION  The property owner or owner's authorized representative who completes Sections A, B, and H must sign here. The statements in Sections A, B, and H are correct to the best of my knowledge. Note: If the local floodplain management official completed Section H, they should indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attachment in the Comments area.  Property Owner or Owner's Authorized Representative Name:  Address:  City: State: ZIP Code:  Telephone: Ext.: Email:	floor (include above-g	grade floors only for buildir			feet	meters a	bove the LAG	
H2 arrow (shown in the Foundation Type Diagrams at end of Section H instructions) for the appropriate Building Diagram?  Yes No  SECTION I – PROPERTY OWNER (OR OWNER'S AUTHORIZED REPRESENTATIVE) CERTIFICATION  The property owner or owner's authorized representative who completes Sections A, B, and H must sign here. The statements in Sections A, B, and H are correct to the best of my knowledge. Note: If the local floodplain management official completed Section H, they should indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attachment in the Comments area.  Property Owner or Owner's Authorized Representative Name:  Address:  City:  State:  ZIP Code:  Telephone:  Ext.:  Email:	higher floor (i.e., the floor above basement, crawlspace, or						bove the LAG	
The property owner or owner's authorized representative who completes Sections A, B, and H must sign here. The statements in Sections A, B, and H are correct to the best of my knowledge. Note: If the local floodplain management official completed Section H, they should indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attachment in the Comments area.  Property Owner or Owner's Authorized Representative Name:  Address:  City:  State:  ZIP Code:  Telephone:  Ext.:  Email:	H2 arrow (shown in the Foundation Type Diagrams at end of Section H instructions) for the appropriate Building Diagram?							
A, B, and H are correct to the best of my knowledge. Note: If the local floodplain management official completed Section H, they should indicate in Item G2.b and sign Section G.  Check here if attachments are provided (including required photos) and describe each attachment in the Comments area.  Property Owner or Owner's Authorized Representative Name:  Address:  City:  State:  ZIP Code:  Telephone:  Ext.:  Email:	SECTION I -	PROPERTY OWNER (	OR OWNER'S A	UTHORIZED F	REPRESEN	ITATIVE) CERT	IFICATION	
Property Owner or Owner's Authorized Representative Name:  Address:  City: State: ZIP Code:  Telephone: Ext.: Email:  Signature: Date:	A, B, and H are correct to indicate in Item G2.b and	the best of my knowledge sign Section G.	. Note: If the local	floodplain mana	gement offic	ial completed Sec	tion H, they should	
Address:  City: State: ZIP Code:  Telephone: Ext.: Email:  Signature: Date:	Check here if attachm	ents are provided (includin	ig required photos	) and describe ea	ach attachme	ent in the Commei	nts area.	
City: State: ZIP Code:  Telephone: Ext.: Email:  Signature: Date:	Property Owner or Owner	's Authorized Representat	ive Name:					
Telephone: Ext.: Email:  Signature: Date:	Address:							
Signature: Date:	City:				State:	ZIP Code:		
	Telephone:	Ext.:	Email:					
Comments:	Signature:			Date:				
	Comments:							

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FOR INSURANCE COMPANY USE

- H1.a: The height of the top of the floor above the LAG. Used for any building without an area that is fully below grade. Think "a" for "all above"
- H1.b: The height of the NEXT highest floor above grade. Used for buildings with a basement below grade. Think "b" for "below" or "basement"

# SECTION H – BUILDING'S FIRST FLOOR HEIGHT INFORMATION FOR ALL ZONES (SURVEY NOT REQUIRED) (FOR INSURANCE PURPOSES ONLY)

The property owner, owner's authorized representative, or local floodplain management official may complete Section H for all flood zones to determine the building's first floor height for insurance purposes. Sections A, B, and I must also be completed. Enter heights to the nearest tenth of a foot (nearest tenth of a meter in Puerto Rico). **Reference the Foundation Type Diagrams (at the end of Section H Instructions) and the appropriate Building Diagrams (at the end of Section I Instructions) to complete this section.** 

monucuons) and the appropriate building biagrams (at the end	or section i instructions) to complete this section.
H1. Provide the height of the top of the floor (as indicated in Founda	tion Type Diagrams) above the Lowest Adjacent Grade (LAG):
a) For Building Diagrams 1A, 1B, 3, and 5–8. Top of bottom floor (include above-grade floors only for buildings with crawlspaces or enclosure floors) is:	feet meters above the LAG
b) For Building Diagrams 2A, 2B, 4, and 6–9. Top of next higher floor (i.e., the floor above basement, crawlspace, or enclosure floor) is:	feet meters above the LAG

- H2: Only check "yes" if all M&E (and, for contents only policies, insured appliances). If you're unsure, reference the "foundation type diagrams" on page 8 of the instructions
- To qualify for the credit, utilities must be elevated to the next highest floor indicated on the foundation type diagrams

H2. Is **all** Machinery and Equipment servicing the building (as listed in Item H2 instructions) elevated to or above the floor indicated by the H2 arrow (shown in the Foundation Type Diagrams at end of Section H instructions) for the appropriate Building Diagram?

Yes

No

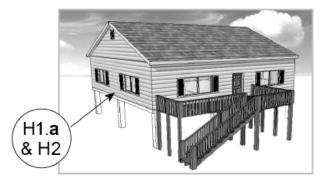
#### Slab on Grade (Non-Elevated)



Corresponds to EC Diagrams 1A, 1B and 3

**Note:** If the building has more than one floor, the Machinery and Equipment should be on the second floor or higher.

#### **Elevated without Enclosure on Posts, Piles, or Piers**



Corresponds to EC Diagram 5

#### Section I:

- Whoever completed Section H must fill out Section I with their signature
- Can be the property owner or another representative
- If the floodplain administrator completed Section H, they should certify their information in Section G rather than here

SECTION 1-	- PROPERTY OWNER	R (OR OWNER'S A	UTHORIZED	REPRESE	NTATIVE) CERTIFICATIO	N
	o the best of my knowled				ist sign here. <i>The statements</i> icial completed Section H, the	
Check here if attach	ments are provided (inclu	uding required photos	and describe	each attachn	nent in the Comments area.	
	er's Authorized Represer	ntative Name:				
Address:						
City:				State:	▼ ZIP Code:	
Telephone:	Ext.:	Email:				
Signature:			Date:			
Comments:						

### **Guidance for Photos**

- At least 4 photographs when possible
- Photos can be provided digitally
- FPAs can request more
- Photographs must:
  - Be taken within 90 days of the survey with time stamps
  - Be in color and at least 3"x3"
  - Support the diagram number, equipment, and openings/vents

Form Instructions

#### s

#### IMPORTANT: MUST FOLLOW THE INSTRUCTION ON INSTRUCTION PAGES 1-11 BUILDING PHOTOGRAPHS

See Instructions for Item A6.

Building Street Addre	ss (including Apt., Unit, Suite, and/or Bidg. No.) or P.O. Route and Box No.:	
·		Policy Number:
City:	State: ZIP Code:	
· -		Company NAIC Number:
able to take front and "Right Side View," or	elow at least two and when possible four photographs showing each side of the I back pictures of townhouses/rowhouses). Identify all photographs with the date "Left Side View." Photographs must show the foundation. When flood openings of representative flood openings or vents, as indicated in Sections A8 and A9.	e taken and "Front View," "Rear View,"
	Photo One	
Photo One Caption:		Clear Photo One
	Photo Two	
Photo Two Caption:	Photo Two	Clear Photo Two

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FOR INSURANCE COMPANY LISE

# Review: Who Can Fill Out Each Section?

Anyone Section A – Property Information Anyone Section B – FIRM Information Surveyor Section C – Building Elevations (Survey Needed) Surveyor Section D – Surveyor Certification (for Section C) Anyone Section E – Building Measurements Section F – Owner/Representative Certification (for Section E) Anyone Section G – Community Information (Recommended) **Local Official** Anyone Section H – First Floor Height (insurance) Anyone Section I – Owner/Representative Certification

Property Description (e.g., Lot and Block Number 1 Legal Description) and/or Tax Parcel Nu	mber ificate
Reviewing an Elevation Ce	runcate
what FPA's Should Look For	
	NEBRASKA
	DEPT. OF NATURAL RESOURCES

# What to look for on an EC (pg. 2)

- Ensure they are using the correct form (exp. 6/30/26)
- Address and building use must match permit
- Verify opening sizes match the required ratio compared to the enclosure sizes
- Check BFEs and their source for accuracy/alignment with permit

Form Instructions

### U.S. DEPARTMENT OF HOMELAND SECURITY Federal Emergency Management Agency National Flood Insurance Program

OMB Control No. 1660-0008 Expiration Date: 06/30/2026

### ELEVATION CERTIFICATE IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11 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. I	Route and Box No.:	Company NAIC Number:
•	City	r	State:	ZIP Code:
	- 2	Property Description (e.g., Lot and Block Numbers or Legal Description) a	_	
		,,		
-	A4.	Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)	):	
	A5.	Latitude/Longitude: Lat. Long.	Horiz. Datum:	NAD 1927 NAD 1983 WGS 84
	A6.	Attach at least two and when possible four clear color photographs (one for	or each side) of the b	uilding (see Form pages 7 and 8).
	A7.	Building Diagram Number:		
	A8.	For a building with a crawlspace or enclosure(s):		
T		a) Square footage of crawlspace or enclosure(s):	sq. ft.	
		b) Is there at least one permanent flood opening on two different sides of		
		c) Enter number of permanent flood openings in the crawlspace or enclos  Non-engineered flood openings:  Engineered flood openings:		above adjacent grade:
		d) Total net open area of non-engineered flood openings in A8.c:	sq. in.	
		e) Total rated area of engineered flood openings in A8.c (attach documen	tation – see Instructi	ons): sq. ft.
4		f) Sum of A8.d and A8.e rated area (if applicable – see Instructions):	sq. ft.	
	A9.	For a building with an attached garage:		
+		a) Square footage of attached garage: sq. ft.		
		b) Is there at least one permanent flood opening on two different sides of	the attached garage′	? Yes No N/A
		c) Enter number of permanent flood openings in the attached garage with Non-engineered flood openings: Engineered flood openings:		acent grade:
		d) Total net open area of non-engineered flood openings in A9.c:	sq. in.	
		e) Total rated area of engineered flood openings in A9.c (attach documen	tation – see Instructi	ons): sq. ft.
1		f) Sum of A9.d and A9.e rated area (if applicable – see Instructions):	sq. ft.	
		SECTION B - FLOOD INSURANCE RATE	MAP (FIRM) INFO	RMATION
	B1.a	a. NFIP Community Name:	B1.b. NFIP Com	nmunity Identification Number:
	B2.	County Name: B3. State:	B4. Map/Panel No.:	B5. Suffix:
	B6.	FIRM Index Date: B7. FIRM Panel Effective/Revi	sed Date:	
•	B8.	Flood Zone(s): B9. Base Flood Elevation(s) (E	BFE) (Zone AO, use	Base Flood Depth):
•	B10	Indicate the source of the BFE data or Base Flood Depth entered in Item     FIS FIRM Community Determined Other:	B9:	
	B11	1. Indicate elevation datum used for BFE in Item B9: 🔲 NGVD 1929 🦳 N	AVD 1988 🔲 Other	r/Source:
	B12	2. Is the building located in a Coastal Barrier Resources System (CBRS) an Designation Date:   CBRS  OPA	ea or Otherwise Prot	tected Area (OPA)? Yes No
	B13	B. Is the building located seaward of the Limit of Moderate Wave Action (Lin	vIWA)? Yes	No

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# What to look for on an EC (pg. 3)

- Headings must match on each page
- Proof of compliance must be based on "Finished Construction"
- Check lowest floor elevations for compliance with permit (compare these numbers to the BFE on Page 2)
- Note if grade is finished or natural
- Check licenses
- Read comments closely

Form Instructions

#### **ELEVATION CERTIFICAT**

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11

Building Street Au	dress (including Apt., Unit, Su	ite, and/or Bldg. N	o.) or P.O. Route and Bo	x No.: FO	R INSURANCE COMPAI		
				Poli	Policy Number:		
City:		State:	ZIP Code:	Cor	npany NAIC Number:		
	SECTION C - BUI	LDING ELEVA	TION INFORMATION	I (SURVEY REQ	UIRED)		
	ations are based on: C		0 0		Finished Construction		
A99. Comple	Zones A1–A30, AE, AH, AO te Items C2.a–h below acco						
Benchmark L			Vertical Datum:				
	datum used for the elevation 29 NAVD 1988 Ot		ugh h) below.				
	uilding elevations must be the source of the conversion f			rsion factor used?	Yes No Check the measurem		
a) Top of bot	tom floor (including baseme	nt, crawlspace, or	enclosure floor):		feet meters		
b) Top of the	next higher floor (see Instru	ictions):			feet meters		
c) Bottom of	the lowest horizontal structu	ral member (see	nstructions):		feet meters		
d) Attached	garage (top of slab):				feet meters		
	evation of Machinery and Eq type of M&E and location in				feet meters		
f) Lowest Ad	ljacent Grade (LAG) next to	building: Nat	ural Finished		feet meters		
g) Highest A	djacent Grade (HAG) next to	building: Nat	ural Finished		feet meters		
h) Finished L support:	AG at lowest elevation of at	tached deck or sta	airs, including structural	1	feet meters		
	SECTION D - SL	JRVEYOR, ENG	INEER, OR ARCHIT	ECT CERTIFIC	ATION		
information. I cert	s to be signed and sealed by ify that the information on thi ay be punishable by fine or i	a land surveyor, is Certificate repre	engineer, or architect a	uthorized by state interpret the data	law to certify elevation		
Were latitude and	longitude in Section A provi	ded by a licensed	land surveyor?	es No			
Check here if a	ttachments and describe in	the Comments are	еа.				
Certifier's Name:		Ei	cense Number:				
Title:							
Company Name:							
Address:							
City:		State:	▼ ZIP Code:				
Telephone:	Ext.:	Email:					
			Deter		Place Seal Here		
Signature:			Date:				
4.1.	his Elevation Certificate and a	all attachments for		2) insurance agent	company, and (3) building		

# What to look for on an EC (pg. 4)

- Headings must match on each page
- Proof of compliance must be based on "Finished Construction"
- Check lowest floor elevations for compliance with permit (compare these numbers to the BFE on Page 2)
- Note if grade is finished or natural
- Verify contact information
- Read comments closely

Form Instructions

#### FI EVATION CERTIFICATI

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11

Dullullig	Street Address (including Apt.	, Unit, Suite, and/o	or Bldg. No.) or P.O. Ro	ute and B	ox No.:	FOR INSURAN	ICE COMPANY USE
5						Policy Number:	
City: _		Sta	ate: ZIP Co	ide:		Company NAIC	Number:
			SUREMENT INFOR				D)
	nes AO, AR/AO, and A (withou d to support a Letter of Map C leters.						
	g measurements are based or Elevation Certificate will be re		ion Drawings* 🔲 Bu struction of the buildin			n* Finished	Construction
	ovide measurements (C.2.a in asurement is above or below			llowing ar	nd check the a	ppropriate boxes	to show whether the
<b>a</b> )	Top of bottom floor (including crawlspace, or enclosure) is:	basement,		feet	meters	above or	below the HAG.
b)	Top of bottom floor (including crawlspace, or enclosure) is:	basement,		feet	meters	above or	below the LAG.
ne	r Building Diagrams 6–9 with part higher floor (C2.b in applica	ble	openings provided in S				86.25
	ilding Diagram) of the building	IS.		feet	meters	above or	below the HAG.
	ached garage (top of slab) is:			feet	meters	above or	below the HAG.
	p of platform of machinery and vicing the building is:	3/or equipment		feet	meters	above or	below the HAG.
	ne AO only: If no flood depth i odplain management ordinanc						e community's rmation in Section G.
	SECTION F - PROPER	TY OWNER (OF	R OWNER'S AUTH	ORIZED	REPRESEN	TATIVE) CERT	FICATION
	perty owner or owner's authore. The statements in Sections					one A (without BF	E) or Zone AO must
Che	eck here if attachments and de	scribe in the Con	mments area.				
Propert	y Owner or Owner's Authorize	d Representative	e Name:				
Addres	5.						
City:					State:	ZIP Code:	
Teleph	one:	Ext.: E	mail:				
Signatu	re:			Date:			
	ents:						

# When to Use an Elevation Certificate Requirements for Each Use NEBRASKA OF NATURAL RESOURCES

# When are ECs Used?

- Can be used to verify compliance with an issued floodplain development permit
- Is not required to be used by the NFIP, however, most Nebraska communities require their usage in the local ordinance
- CRS communities are required to use elevation certificates for all new floodplain development

National Flood Insurance Program

# **Elevation Certificate**

and Instructions

2023 EDITION



# When are ECs Used?

- The best, most comprehensive document for proof of compliance
- Designed specifically for floodplain management purposes
- Will contain:
  - Surveyed lowest floor elevations
  - Building usage
  - Flood opening/vent specs
  - Photographs

National Flood Insurance Program

# **Elevation Certificate**

and Instructions

2023 EDITION



# **Required Sections**

Durnoo	Flood Zone	EC Form Section									
Purpose		Α	В	С	D	Е	F	G	Н	1	
	AE, A with BFE	✓	<b>√</b>	0	0	Use H inst	l or C ead	R	✓	<b>✓</b>	
Insurance	AO and A without BFE	<b>✓</b>	<b>✓</b>	0	0	Use H or C instead		R	<b>√</b>	<b>✓</b>	
	Outside SFHA	✓	<b>✓</b>	0	0	Use H or C instead		R	✓	<b>✓</b>	
	AE, A with BFE	<b>√</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	X	X	R	X	X	
Letter of Map Change (LOMC)	AO and A without BFE	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	X	X	R	X	X	
(23)	Outside SFHA	-	-	-	-	-	1	1	1	-	
	AE, A with BFE	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	X	X	R*	X	X	
Floodplain Management	AO and A without BFE	<b>√</b>	<b>✓</b>	0	0	<b>√</b>	<b>✓</b>	R*	X	X	
	Outside SFHA	<b>√</b>	<b>✓</b>	0	0	<b>√</b>	<b>✓</b>	R	X	X	



# For LOMC

Anyone Section A – Property Information

Anyone Section B – FIRM Information

Surveyor Section C – Building Elevations (Survey Needed)

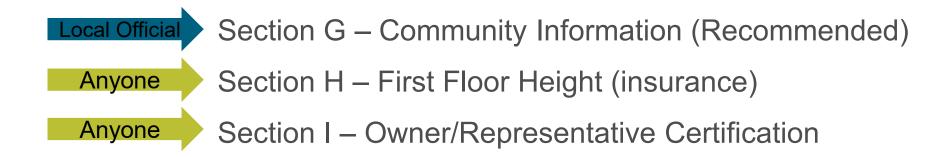
Surveyor Section D – Surveyor Certification (for Section C)

Local Official Section G – Community Information (Recommended)

# For Flood Insurance Rating

Anyone Section A – Property Information

Anyone Section B – FIRM Information



# For Permitting in Zones AE and A

Anyone Section A – Property Information

Anyone Section B – FIRM Information

Surveyor Section C – Building Elevations (Survey Needed)

Surveyor Section D – Surveyor Certification (for Section C)

Local Official Section G – Community Information (Required for CRS)

# For Permitting in Zone AO

```
Section A – Property Information
         Section B – FIRM Information
         Section C – (Optional)
         Section D – (Optional)
         Section E – Building Measurements
Anyone
         Section F – Owner/Representative Certification
Anyone
        Section G – Community Information (Required for CRS)
```

# **Additional Resources**

NEBRASKA

**DEPT. OF NATURAL RESOURCES** 

# Resources

Elevation Certificate Form FF-206-FY-22-152

https://dnr.nebraska.gov/floodplain/digital-desk-reference

https://www.fema.gov/flood-insurance/find-form/underwriting

\*To open, download to your desktop first. May not open in browser

\*EC Instructions can be opened using the button in the top left of the PDF

CRS Elevation Certificate Checklist

https://dnr.nebraska.gov/floodplain/digital-desk-reference

# **How to Learn More**

FEMA Recorded Webinar on YouTube:

Overview of Changes to the Elevation Certificate 2023 <a href="https://www.youtube.com/watch?app=desktop&v=8">https://www.youtube.com/watch?app=desktop&v=8</a> iYHiouQMA

Understanding Elevation Certificates
 https://www.fema.gov/fact-sheet/understanding-elevation-certificates

 Questions about the form can be emailed to: nfipunderwritingmailbox@fema.dhs.gov

# The EC Correction Form

- For CRS communities, knowing how to use this correction form is crucial to efficiently change the information on a provided EC
- Can be found on the <u>CRS Resources</u> <u>Page</u>
- Used to correct non-surveyed information such as:
  - Building location
  - Diagram number
  - Opening sizes
  - BFE information

#### [Community letterhead]

#### Memo of Review for Correctness and Completion

The attached FEMA Elevation Certificate has been reviewed by this office.

The items noted below are not correct on the attached form and should read as entered on this page.

- Building Address must be entered
- You must clearly show what corrections are made
- Name, Title, Signature and date must be on form.

		SECTION A - PROPERTY INFORMATION							
A1.	В	uilding Owner's Name:							
A2.	Вц	illding Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.:							
City	:	State: ZIP Code:							
А3.	P	roperty Description (e.g., Lot and Block Numbers or Legal Description) and/or Tax Parcel Number:							
A4.	В	uilding Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.):							
A5.	La	atitude/Longitude: Lat Long Horizontal Datum: NAD 1927 NAD 1983 WGS 84							
A6.	A	tach at least two and when possible four clear photographs (one for each side) of the building (see Form pages 7 and 8).							
A7.	В	uilding Diagram Number:							
A8.	F	or a building with a crawlspace or enclosure(s):							
	a)	Square footage of crawlspace or enclosure(s): sq. ft.							
	b) Is there at least one permanent flood opening on two different sides of each enclosed area? Yes No N/A								
	c)	Enter number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade:  Non-engineered flood openings: Engineered flood openings:							
	d)	Total net open area of non-engineered flood openings in A8.c: sq. in.							
	e)	Total rated area of engineered flood openings in A8.c (attach documentation – see Instructions):							
	f)	Sum of A8.d and A8.e rated area (if applicable – see Instructions):sq. ft.							
A9.	F	or a building with an attached garage:							
	a)	Square footage of attached garage: sq. ft.							
	b)	Is there at least one permanent flood opening on two different sides of the attached garage?   Yes No N/A							
	c)	Enter number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade:  Non-engineered flood openings: Engineered flood openings:							
	d)	Total net open area of non-engineered flood openings in A9.c:sq. in.							
	e)	Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions):							
	f)	Sum of A9.d and A9.e rated area (if applicable – see Instructions): sq. ft.							

# The EC Correction Form

 Training on how to use the correction form can be found on YouTube at:

https://www.youtube.com/watch?v=xSsoiZqRR1E

- For any surveyed numbers, the surveyor or other professional must issue a new Elevation Certificate
- You may require a new EC for nonsurveyed information as well



# Questions?

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