

		IMPORTAL			CERTIF			ES 8-15	OMB Co	entrol N	umber: 16i	30-0006
Copy all pages of this Ele	vation Certific								pany, and (3) build	ing owne	r.
	SECTION A	- PROPER	TY INFORM	MATION				FOR I	ISURANCE	COM	PANY US	ŝΕ
A1. Building Owner's No	ame							Policy Numb	er:			
A2. Building Street Addi Box No.	ress (includin	g Apt., Unit,	Suite, and/	or Bldg. N	lo.) or P.O	. Route ar	nd	Company N Number:	AJC			
City						State			Zip Co	ode		
A3. Property Description	n (Lot and Blo	ock Numbers	, Tax Parce	el Number	r, Legal De	scription,	etc.)					
A4. Building Use (e.g., I		eon-Mesident		n, Access		tal Datum			4			
A5. Latitude/Longitude:			Long.		-			NAD 1927	ONAD	1983		
A6. Attach at least 2 pho		the building i	f the Certifi	cate is be	ing used t	o obtain fi	ood i	nsurance.				
A7. Building Diagram N												
A8. For a building with a								g with an atta		ge:		
a) Square footage o				5				e of attached				sq ff
 b) Number of perma crawispace or en 			•		b)			rmanent floor d garage with				
above adjacent gr						above ad						
c) Total net area of f	food opening	s in A8.b			ıqin c)	Total net	area	of flood open	ings in A9.	ь		so ir
d) Engineered flood	openings?	CYes	ONo			Engineer	red fi	ood openings	2 CYes	-	No	-
		ECTION B - F		URANCE		_						
B1. NFIP Community N	ame & Comn	nunity Numbe	er .	B2.	County N	lame				8	3. State	
B4. Map/Panel Number	DE CLIMY	DC CIDM I	ndev Date	97 510	M Danal C	Machina!	Do	Floor Zone/s) B0 Bas	a Elan	d Elevatio	m/m)
D4. mapir direction	Do. Come	DO. THOMA	Dex Date		ised Date	ecure.	-	i ibba zoneja	(Zor	10 AO,	use base	
					ised Date				dept	th		
B10. Indicate the source	of the Base I	Flood Elevati	on (BFE) d			oth enter	ed in	Item R9:	dept	th		
B10. Indicate the source				ata or bas	e flood de	pth enter	ed in	Item B9:	dept	th		
	RM Com	munity Deter	rmined C	ata or bas Other/So	se flood de urce:				dept	th		
FIS Profile F	RM Com	munity Deter or BFE in Item	rmined O	ata or bar Other/Sor	ie flood de urce: 19 (NAV	/D 1988	0	ther/Source:			s ON	
○FIS Profile ○F	RM Com	munity Deter or BFE in Item tal Barrier Re	mined O	ata or bar Other/Sor	ie flood de urce: 19 (NAV	/D 1988	0	ther/Source:			s ON	0
FIS Profile F B11. Indicate elevation d B12. Is the building locat	IRM Com latum used fo led in a Coas	or BFE in Item tal Barrier Re	mined () n B9: () N esources Sy BRS ()	ata or bas Other/Soi NGVD 192 ystem (CE OPA	ie flood de urce: 29 (NAV BRS) area	/D 1988 or Otherw	○ OI	ther/Source: trotected Area	(OPA)?		s ON	0
FIS Profile C F B11. Indicate elevation d B12. Is the building locat Designation Date:	IRM Com latum used fo led in a Coast	or BFE in Item tal Barrier Re	mined On B9: ON Assources Systems (CLDING ELI	ata or bas Other/Soi NGVD 192 ystem (CE OPA EVATION	ie flood de urce: 29 (NAV BRS) area	/D 1988 or Otherw	O OI	ther/Source: Protected Area	(OPA)?	CYes		0
FIS Profile F B11. Indicate elevation d B12. Is the building locat Designation Date:	IRM Com lature used for led in a Coast SECT ire based on:	rmunity Deter or BFE in Item tal Barrier Re C TION C - BUI	mined On B9: Oh asources Sy BRS (LDING ELI	ata or bar Other/Sor NGVD 192 ystem (CE OPA EVATION	ie flood de urce: 19 (NAV ERS) area INFORMA	/D 1988 or Otherw ATION (S	O OI	ther/Source: Protected Area	(OPA)?	CYes		0
FIS Profile C F B11. Indicate elevation d B12. Is the building locat Designation Date:	IRM Comilatum used for led in a Coas' SECT ire based on: late will be re-	or BFE in Item tal Barrier Re C TION C - BUIL Constru	mined On B9: ON B9: ON BRS (Construction Drawliconstruction	other/SologyD 192 OPA EVATION ings* on of the b	ie flood de urce: 19 (NAV RS) area INFORMA C Building is d	/D 1988 or Otherw ATION (Si) Under C complete.	Office P	her/Source: frotected Area EY REQUIRE	D) Finished	○ Yes	truction	
FIS Profile F B11. Indicate elevation of B12. Is the building locat Designation Date: C1. Building elevations a 'A new Elevation Certific	IRM Comilatum used for led in a Coast SECT re-based on: late will be re-	emunity Deter or BFE in Item CC FION C - BUI Constru- quired when H, A (with BF	mined On B9: ON B9: ON BRS (Construction Drawliconstruction CE), VE, VI.	Other/Sol Other/Sol NGVD 193 ystem (CE) OPA EVATION hgs* on of the b	ie flood de urce: 19 (NAV RRS) area INFORMA C Building suilding is o with BFE).	/D 1988 or Otherw ATION (S) Under C complete. AR, AR/A	URVI	ther/Source: trotected Area EY REQUIRE Tuction* (AE. AR/A1-A	D) C Finished	○ Yes	truction	
FIS Profile F E E E E E E E E E E E E E E E E E E	IRM Com latum used for latum used for latum used for SECT are based on: late will be re 1-A30, AE, Ai rding to the b	munity Deter or BFE in Iten tal Barrier Re C C TION C - BUI Constru- quired when H, A (with BF cuilding diegr	mined On BS: Oh sources Sy BRS (LDING ELI ction Drawli construction (E), VE, V1 am specifie	ata or basic of the idea of th	ie flood de urce: 29 (NAV 2RS) area (NES) ar	ATION (Signature of the complete. AR, AR/A erto Rico of Datum;	URVI	ther/Source: trotected Area EY REQUIRE tuction* (AE, AR/A1-A enter meters.	D) C Finished	○ Yes	truction	
FIS Profile F F B11. Indicate elevation d B12. Is the building locat Designation Date: C1. Building elevations C1. Building elevations C1. Building elevation Criffic C2. Elevations. Zones A terms C2.a-h below according to the control of the cont	IRM Com latum used for latum used for latum used for SECT are based on: late will be re 1-A30, AE, Ai rding to the b	munity Deter or BFE in Iten tal Barrier Re C C TION C - BUI Constru- quired when H, A (with BF cuilding diegr	mined On BS: Oh sources Sy BRS (LDING ELI ction Drawli construction (E), VE, V1 am specifie	ata or basic of the idea of th	ie flood de urce: 29 (NAV 2RS) area (NES) ar	ATION (Signature of the complete. AR, AR/A erto Rico of Datum;	URVI	ther/Source: trotected Area EY REQUIRE tuction* (AE, AR/A1-A enter meters.	D) C Finished	○ Yes	truction	
FIS Profile F E E E E E E E E E E E E E E E E E E	IRM Com latum used for latum used for latum used for SECT are based on: late will be re 1-A30, AE, Ai rding to the b	munity Deter or BFE in Item tal Barrier Re C TION C - BUI C Constru- quired when H, A (with BF suilding diagr	mined On BS: Oh sources Sy BRS (LDING ELI ction Drawli construction (E), VE, V1 am specifie	ata or basic of the idea of th	ie flood de urce: 29 (NAV 2RS) area (NES) ar	ATION (Signature of the complete. AR, AR/A erto Rico of Datum;	URVI	ther/Source: trotected Area EY REQUIRE tuction* (AE, AR/A1-A enter meters.	D) C Finished	○ Yes	truction	
FIS Profile F E E E E E E E E E E E E E E E E E E	IRM Commission Constitution of the Cons	munity Determination of the control	mined On B9: ON isources Sy BRS () LDING ELI totion Drawli construction (E), VE, V1. am specifie items a) th	ata or bas Other/Soi NGVD 190 ystem (CE OPA EVATION ings* on of the b -V30, V (hed in Item	INFORMU INFORMU INFORMU BRS) area INFORMU Bullding suliding is o with BFE). A7. In Pus Vertica below.	ATION (Signature of the complete. AR, AR/A erto Rico of Datum;	URVI	ther/Source: trotected Area EY REQUIRE tuction* (AE, AR/A1-A enter meters.	D) Finished	○ Yel	truction	oto
FIS Profile (F B11. Indicate elevation d B12. Is the building locat Designation Date: C1. Building elevations at A new Elevation Certific C2. Elevations: Zones A Heres C2-et Designation Date: Benchmark Utilized: indicate elevation datum	IRM Comilatum used for lead in a Coasi SECT re-based on: attention to the based on the lead of the coasi of the based on the coasi of the based on the lead of the	munity Determine an unity Determine the Barrier Record of Construction of Cons	mined On B9: ON	ata or basic of the local or basic or bas	INFORM/ Building with BFE). The Breiter Th	ATION (Signature of the complete. AR, AR/A erto Rico of Datum;	URVI	ther/Source: trotected Area EY REQUIRE tuction* (AE, AR/A1-A enter meters.	D) C Finished	C Yer	truction O. Compl	ete 1 used
FIS Profile (F E11. Indicate elevation of B112. Is the building locat Designation Date: C1. Building elevations at A new Elevation Cartillocations. Zones A Terms C2-ah below accommodate utilized: Indicate elevation datum used for building Datum used for building	IRM Comilatum used for each in a Coasi SECT re-based on: attention to the coasi section of th	munity Determine an unity Determine the Barrier Record of Construction of Cons	mined On B9: ON	ata or basic of the local or basic or bas	INFORM/ Building suiting is e with BFE). The BFE.	ATION (Signature of the complete. AR, AR/A erto Rico of Datum;	URVI	ther/Source: trotected Area EY REQUIRE tuction* (AE, AR/A1-A enter meters.	D) C Finished	C Yer	truction O. Comple	ete It used
CFIS Profile CF E11. Indicate elevation of B11. Indicate elevation of B12. In the building local Cesignation Dete: C1. Building elevations as C12. Elevation Certific C2. Elevation: Zones Access Enchmark Utilized: Indicate elevation datum used for building a) Top of bottom foor (if	IRM Comilature used for deal in a Coas' SECT re based on: atte will be re 1-A30, AE, Airding to the b Other/ elevations menduding base or floor	munity Determine the Berrier Re CONTON C - BUILDING CONSTRUCTION C - BUILDING CONSTRUCTION C - BUILDING CONSTRUCTION C - BUILDING ELEVATIONS IN CONTON CONTON C - BUILDING ELEVATIONS IN CONTON CONTON C - BUILDING ELEVATION C - BU	mined () n B9: () n B9: () n B9: () BRS () LDING ELI ction Drawle construction EE), VE, V1 am specifie items a) th me as that upace, or en	ata or bas Other/Sol NGVD 190 System (CE OPA EVATION Ings* on of the b ->30, V (ind in litem incode for the control of the con	INFORM/ Building suiting is e with BFE). The BFE.	ATION (Signature of the complete. AR, AR/A erto Rico of Datum;	URVI	ther/Source: trotected Area EY REQUIRE tuction* (AE, AR/A1-A enter meters.	D) C Finished Sa, AR/AH. Check ti	C Yes	truction O. Comple	ete It used ers
FIS Profile (F E11. Indicate elevation of B112 is the building locat Designation Date: C1. Building elevations at A new Elevation Cartillary and C2. Elevations. Zones A Terms C2.2-sh below acco Benchmark Utilized: Indicate elevation datum Datum used for building a) Top of bottom foor (it b). Top of the next higher by D Top of the next Michael (it b). Top of the next Michael (it b) top of the next Michael (it b). Top of the next Michael (it b) top of the next Michael (it b).	IRM Com lature used for lature based on: sECT re based on: late will be re 1-A30, AE, Ai rding to the b Used for the Other/ elevations mediuding based if floor horizontal stri	munity Determine the Berrier Re CONTON C - BUILDING CONSTRUCTION C - BUILDING CONSTRUCTION C - BUILDING CONSTRUCTION C - BUILDING ELEVATIONS IN CONTON CONTON C - BUILDING ELEVATIONS IN CONTON CONTON C - BUILDING ELEVATION C - BU	mined () n B9: () n B9: () n B9: () BRS () LDING ELI ction Drawle construction EE), VE, V1 am specifie items a) th me as that upace, or en	ata or bas Other/Sol NGVD 190 System (CE OPA EVATION Ings* on of the b ->30, V (ind in litem incode for the control of the con	INFORM/ Building suiting is e with BFE). The BFE.	ATION (Signature of the complete. AR, AR/A erto Rico of Datum;	URVI	ther/Source: trotected Area EY REQUIRE tuction* (AE, AR/A1-A enter meters.	D) C Finished S86 Check II	C Yes	truction O. Comple asuremen mete	it used
FIS Profile CF B11. Indicate elevation of B11. Indicate elevation of B12. In the building local Cesignation Dete: C1. Building elevation Certific A new Elevation Certific C2. Elevations: Zones A fleens C2.4h below access	IRM Comilatum used for lead in a Coas's SECT re based on: attentil be re 1-A30, AE, A'roling to the b Other/lelevations minduling base of floor of slab) achinery or 6	remunity Deter or BFE in Item to Barrier Re Construinguired when H. A (with BF building diagram elevations in Source: ust be the sa ment, cravits uctural memb equipment se	mined on a second of the secon	Other/Soi Other/Soi Other/Soi Other/Soi Other/Soi Other/Soi Other/Soi Other/Soi Other Othe	INFORM/ Building suiting is e with BFE). The BFE.	ATION (Signature of the complete. AR, AR/A erto Rico of Datum;	URVI	ther/Source: trotected Area EY REQUIRE tuction* (AE, AR/A1-A enter meters.	D) C Finished 30, AR/AH.	C Yes	o. Completion	d used
FIS Profile (F E E11. Indicate elevation of B12. Is the building local Designation Dete: C1. Building elevations at A new Elevation Certific C2. Elevations. Zones A fereine C2. Ach before access thems C2. Ach before access and control of C2. Elevations. Zones A Benchmark Utilized: Indicate elevation datum Datum used for building at 10 por of the next higher (e) b) Top of the next higher (e)	IRM Commused for clear in a Coasia SECT SECT SECT SECT CASO. AE, Aircling to the bused for the Cotherine control state of the Cotherine control state of the Cotherine control state of	munity Determined in the control of	mined On B9: On	Other/Soi Other/Soi Other/Soi Other/Soi Other/Soi Other/Soi Other/Soi Other/Soi Other Othe	INFORM/ Building suiting is e with BFE). The BFE.	ATION (Signature of the complete. AR, AR/A erto Rico of Datum;	URVI	ther/Source: trotected Area EY REQUIRE tuction* (AE, AR/A1-A enter meters.	D) C Finished	C Yes	asuremen mete mete mete	if used trusted truste
FIS Profile (F E E11. Indicate elevation of BE11. Indicate elevation of BE12. In the building locat Designation Date: C1. Building elevations and A new Elevation Cardia C2. Elevations. Zones A fereins C2-ah below acceded to the C2 Elevations. Zones A fereins C2-ah below acceded to the C2 Elevation and C2 Elevations. Zones A fereins C2-ah below acceded to the C2 Elevation of C2 Elevation C2 E	IRM Com used for each of a coast of the coas	munity Determine the control of the	mined On B9: On	Other/Soi Other/Soi Other/Soi Other/Soi Other/Soi Other/Soi Other/Soi Other/Soi Other Othe	INFORM/ Building suiting is e with BFE). The BFE.	ATION (Signature of the complete. AR, AR/A erto Rico of Datum;	URVI	ther/Source: trotected Area EY REQUIRE tuction* (AE, AR/A1-A enter meters.	Check ti	C Yes G Const G Const He meet feet feet foet feet	asuremen mete mete mete mete	d used used used used used used used use
FIS Profile CF B11. Indicate elevation of B11. Indicate elevation of B12. In the building local Cealgnation Disc. C1. Building elevations a D12. In the building local Cealgnation D2. In the building of the	IRM Com used for a Coast SECT SECT SECT SECT SECT SECT SECT SECT	munity Determine the International Control of	mined on B9: on	ata or based and ata or based at a or based	is flood de curce: 19 CNAV INFORM. INFORM. INFORM. INFORM. Vertica V	ATION (Signature of the complete. AR, AR/A erto Rico of Datum;	URVI	ther/Source: trotected Area EY REQUIRE tuction* (AE, AR/A1-A enter meters.	Check III	C Yer C Const	asuremen mete mete mete mete mete	t used tused tris



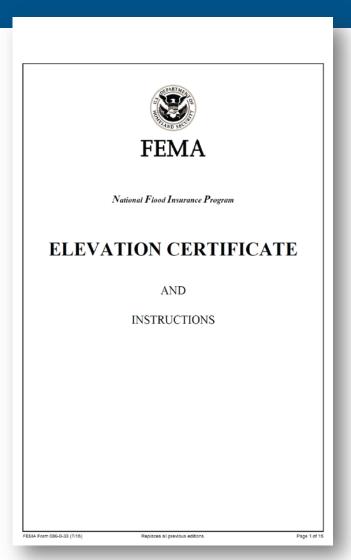


- Required to rate post-FIRM and some pre-FIRM buildings
- Determine compliance with floodplain management ordinance
- ✓ Support LOMA/LOMR-F
- ✓ Prerequisite for the CRS



- Current Version: FEMA Form 086-0-33 (7/15) Mandatory for use after _____
- ✓ Good until the 11/30/2018 expiration date
- ✓ Download from FEMA.gov
- ✓ PDF and PDF fillable versions





U.S. DEPARTMENT OF HOMELAN FEDERAL EMERGENCY MANAGES	ND SECURIT	Y				
National Flood Insurance Pi	rogram					
ELEVATION CERTIFI IMPORTANT: FOLLOW THE INSTRUCTION		ES 8.15	OMB Control No	umber: 1660-0008 ration: 11/30/2018		
Copy all pages of this Elevation Certificate and all attachments for (1) community office						
SECTION A - PROPERTY INFORMATION		FOR INSU	RANCE COM	PANY USE		
A1. Building Owner's Name		Policy Number:				
A2. Building Street Address (including Apt., Unit, Suite, and/or Bidg. No.) or P.O. Box No.	Route and	te and Company NAIC Number:				
City State Zip Code						
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Des	scription, etc.)				
A Building live to a Building of New Building of Addition Assessment of the						
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) A5. Lattude/Longitude: Lat. Long. Horizonta	I Datum:					
A6. Attach at least 2 photographs of the building if the Certificate is being used to			O NAD 1983			
	octain 11000 i	nsurance.				
A7. Building Diagram Number A8. For a building with a craw(space or enclosure(s): A9.	For a building	ng with an attache	d caraca:			
		ge of attached gar		sq ft		
		rmanent flood ope d garage within 1.				
	above adjace					
c) Total net area of flood openings in A8.b sq in c)	Total net area	of flood openings	s in A9.b	sq in		
d) Engineered flood openings? C Yes ONo d)	Engineered fi	lood openings?	CYes C	No		
SECTION B - FLOOD INSURANCE RATE MA		FORMATION				
B1. NFIP Community Name & Community Number B2. County No.	ame		В	3. State		
B4. MapiPanel Number B5. Suffix B5. FIRM Index Date B7. FIRM Panel Eff Revised Date	fective/ B8.	Flood Zone(s)		d Elevation(s) use base flood		
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood dep	th ontored in	Hom BB:				
FIS Profile FIRM Community Determined Other/Source:	an entered in	nem bs.				
B11. Indicate elevation datum used for BFE in Item B9:	D 1988 CO	ther/Source:				
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area o			DAI2 OVA	O No.		
Designation Date: CBRS OPA	oure mae	Total Co.	chji Cies			
SECTION C - BUILDING ELEVATION INFORMA						
C1. Building elevations are based on: Construction Drawings* Building A new Elevation Certificate will be required when construction of the building is or	Under Const	ruction* C F	Inished Const	ruction		
C2. Elevations: Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), A	AR, AR/A, AR		AR/AH, AR/A	D. Complete		
Items C2.a-h below according to the building diagram specified in Item A7. In Puer		enter meters.				
Benchmark Utilized: Vertical Indicate elevation datum used for the elevations in items a) through h) below.		CHUM 1940				
, , ,	NGVL 1929	(NAVD 1966				
Other/Source:						
Datum used for building elevations must be the same as that used for the BFE.		(Check the mea	surement used.		
a) Top of bottom floor (including basement, crawispace, or enclosure floor)				C meters		
b) Top of the next higher floor				meters		
c) Bottom of the lowest horizontal structural member (V Zones only)				C meters		
d) Attached garage (top of slab)	·		○ feet	C meters		
Execution of machinery or equipment servicing the building (Describe type of equipment and location in Comments)			Cfeet	meters		
f) Lowest adjacent (finished) grade next to building (LAG)			○ feet	C meters		
g) Highest adjacent (finished) grade next to building (HAG)			Cfeet	Cmeters		
h) Lowest adjacent grade at lowest elevation of deck or stairs, including			Chris	Cimeters		
structural support —	<u> </u>		C 166t	meters		
FEMA Form 086-0-33 (7/15) Replaces all previous edit	tions.			Page 3 of 15		



Manual Pages 310-7 – 8

Checklist in the 2013 *Manual* still good

SECTION A—PROPERTY INFORMATION

A2 and A3

- Complete street address or property description. In either case, the city, state, and zip code must be listed.
- A6 Photographs: Photographs are not required for CRS credit. However, they are required for writing a flood insurance policy and they can be very helpful for compliance records.
- A7 Building diagram number.
- A8 a), b), and c) Enclosure and crawl space information for buildings that are diagram 6, 7, 8, or 9.
- a), b), and c) Attached garage information. If there is no attached garage, enter "N/A" in all three spaces. If there is an attached garage and there are no openings, the correct entry is "zero," even if the garage is above the BFE.

A8 and

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

SECTION B-FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

- B1 NFIP community name/community number.
- B4 Map AND panel number.
- B5 Panel number suffix. If the property is in an area revised by a LOMR, then B4, B5, and B7 must all be completed based on the LOMR.
- B7 FIRM panel effective/revised date.



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

ELEVATION CERTIFICATE

IMPORTANT: FOLLOW THE INSTRUCTIONS ON PAGES 8-15

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

Сор	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 INSU	JRANCE COMPANY US	E			
A1.	Building Owner's Name CRS EC C	hecklist	Policy Number:					
A2.	Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) of Box No. Either A2 or A3 must be completed, with City, State, and		Company NAIC Number:	;				
City		State	_	Zip Code				
<mark>A3.</mark>	Property Description (Lot and Block Numbers, Tax Parcel Number, Let Either A2 or A3 must be completed, with City, State, and Zip	gal Description, etc	.)					
A4.	Building Use (e.g., Residential, Non-Residential, Addition, Accessory,	etc.)						
A5.	Latitude/Longitude: Lat Long Ho	orizontal Datum:	○ NAD 1927	○ NAD 1983				
A6.	Attach at least 2 photographs of the building if the Certificate is being u	ised to obtain flood	insurance.					
A7.	Building Diagram Number Must be full Diagram Number (e.g.	, "1A" or "1B," no	t just "1")					
	For a building with a crawlspace or enclosure(s): If there is no crawlspace, enclosure, or garage a) Square footage of crawlspace or enclosure(s) sq ft	, enter "N/A" in th a) Square foota	ge of attached ga	nrage	sq ft			
	b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade	,	ermanent flood op ed garage within 1 ent grade					
	If there is a crawlspace, enclosure, or garage, but no ope c) Total net area of flood openings in A8.b sq in If there are engineered flood openings, attach the certificatio d) Engineered flood openings?	c) Total net are n from the engine	a of flood opening	<mark>js in A9.b</mark>	sq in			

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

ELEVATION CERTIFICATE

IMPORTANT: FOLLOW THE INSTRUCTIONS ON PAGES 8-15

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

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

	SECTION A - PROPERTY INFORMATION				RANCE COMPANY USE
A1.	Building Owner's Name	CRS EC	Checklist	Policy Number:	
A2.	Building Street Address (including Apt., Unit, Box No. Either A2 or A3 must be complete	,	,	Company NAIC Number:	
City			State		Zip Code
A3.	Property Description (Lot and Block Numbers	s, Tax Parcel Number,	Legal Description, etc.)	
	Either A2 or A3 must be completed, with	City, State, and Zip			
A4.	Building Use (e.g., Residential, Non-Residen	tial, Addition, Accessor	ry, etc.)		
A5.	Latitude/Longitude: Lat.	Long.	Horizontal Datum:	○ NAD 1927	○ NAD 1983
A6.	Attach at least 2 photographs of the building	if the Certificate is bein	g used to obtain flood	insurance.	

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





Manual Page 310-7

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

ELEVATION CERTIFICATE

IMPORTANT: FOLLOW THE INSTRUCTIONS ON PAGES 8-15

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

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

	SECTION A - PROPER	TY INFORMATION			FOR INSUI	RANCE COMPANY USE
A1.	Building Owner's Name	CRS EC	Che	cklist	Policy Number:	
A2.	Building Street Address (including Apt., Unit, Box No. Either A2 or A3 must be complet	•	•	Route and	Company NAIC Number:	
City				State		Zip Code
<mark>A3.</mark>	Property Description (Lot and Block Number Either A2 or A3 must be completed, with		•	scription, etc.)	•	
A4.	Building Use (e.g., Residential, Non-Residen	tial, Addition, Accessor	ry, etc.)			
A5.	Latitude/Longitude: Lat.	Long.	Horizonta	al Datum: (NAD 1927	○ NAD 1983
A6.	Attach at least 2 photographs of the building	if the Certificate is bein	g used to	obtain flood i	nsurance.	
A7.	Building Diagram Number Must be ful	l Diagram Number (e	e.g., "1A"	or "1B," not	just "1")	





Elevation Certificate Instructions Page 13

Diagram 1A = slab-on-grade

DIAGRAM 1A

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

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

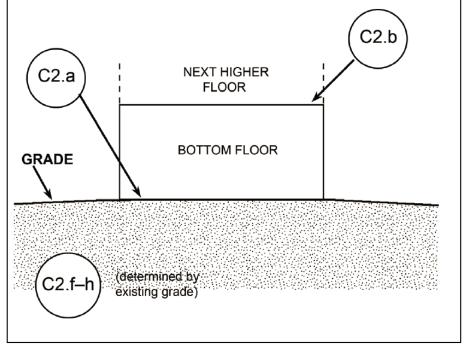
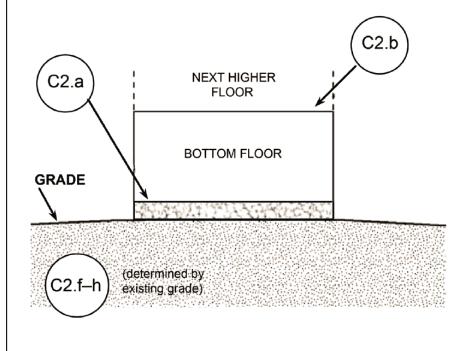


DIAGRAM 1B

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

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



Elevation Certificate Instructions Page 13

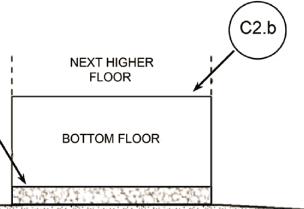
Diagram 1B = raised slab or foundation wall with fill



DIAGRAM 1B

o-on-grade or slab-on-stem-wall-with-fill single loor buildings (other than split-level), either ow type (e.g., townhouses); with or without ge.

Feature - The bottom floor is at or above ground level st 1 side.*



(determined by existing grade)

Elevation Certificate Instructions Page 13

Diagram 2A = full basement

DIAGRAM 2A

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

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

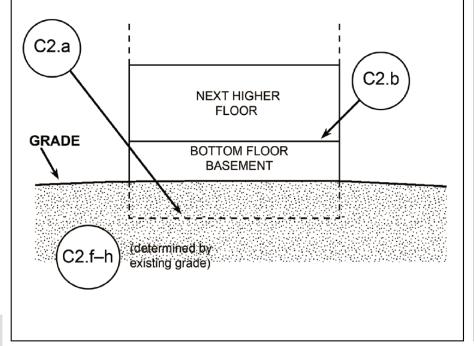
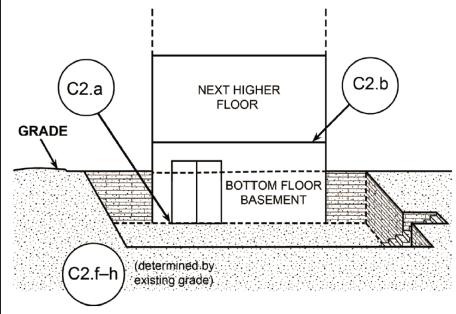


DIAGRAM 2B

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

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



Elevation Certificate Instructions Page 13

Diagram 2B = full basement, door below ground level

DIAGRAM 2A

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

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

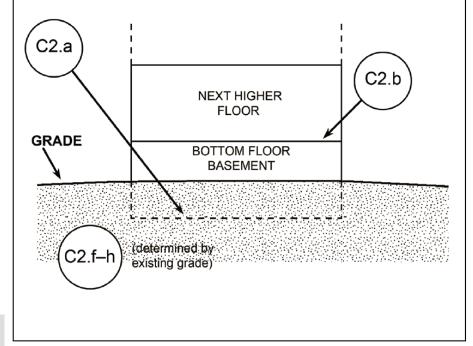
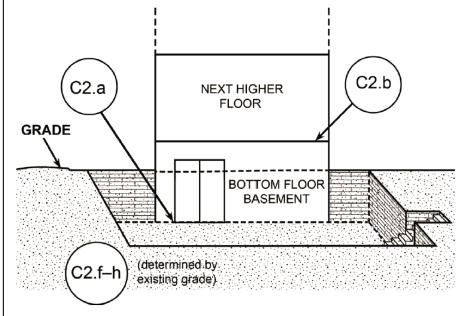


DIAGRAM 2B

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

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



Elevation Certificate Instructions Page 13

Diagram 2B = full basement, door below ground level







Elevation Certificate Instructions Page 14

Diagrams 3 & 4 = Split levels

DIAGRAM 3

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

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

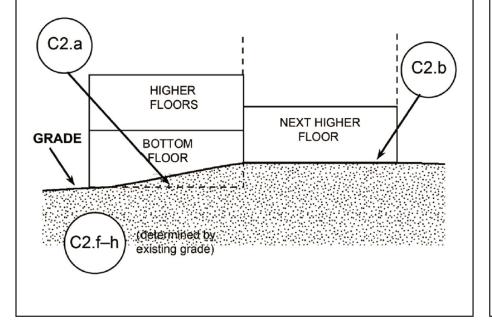
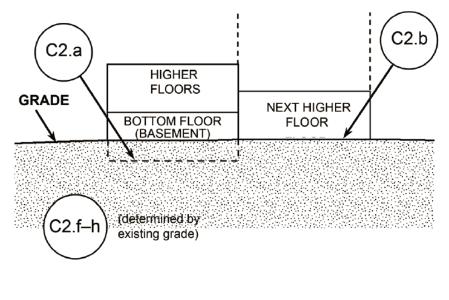


DIAGRAM 4

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

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





Elevation Certificate Instructions Page 14

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

DIAGRAM 5

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

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

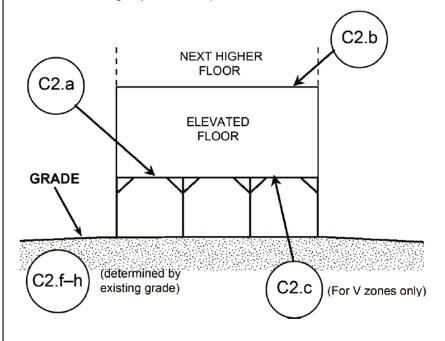
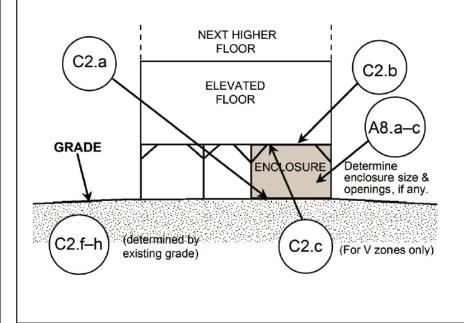


DIAGRAM 6

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

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



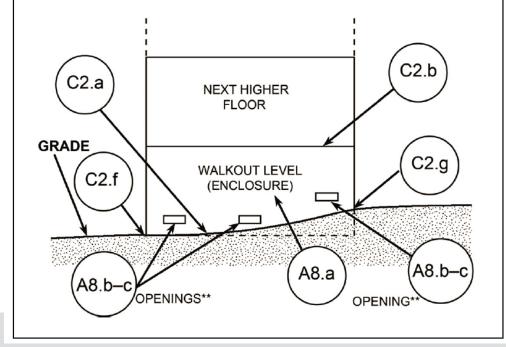
Elevation Certificate Instructions Page 15

Diagram 7 = Elevated on full story foundation walls

DIAGRAM 7

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

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





Elevation Certificate Instructions Page 15

Diagrams 8 & 9 = Elevated on crawlspaces

DIAGRAM 8

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

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

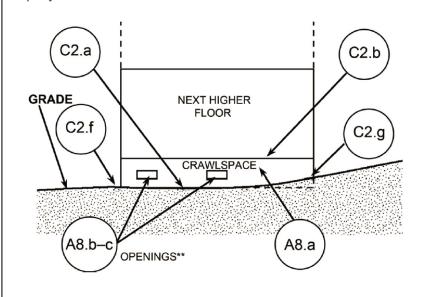
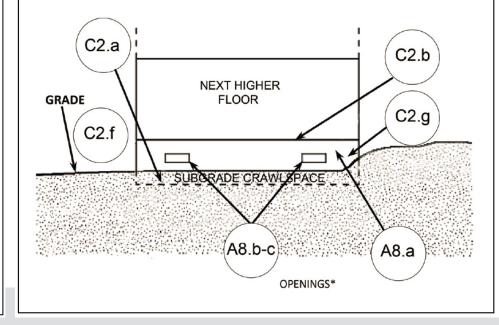


DIAGRAM 9

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

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



Elevation Certificate Instructions Page 15

Diagrams 8 & 9 = Elevated on crawlspaces

Diagram 9 = Compliant, below grade crawlspace

- < 5' high,
- < 2' below grade

If below grade crawlspace

- \geq 5' high or
- ≥ 2' below grade
- → basement

DIAGRAM 9

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

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

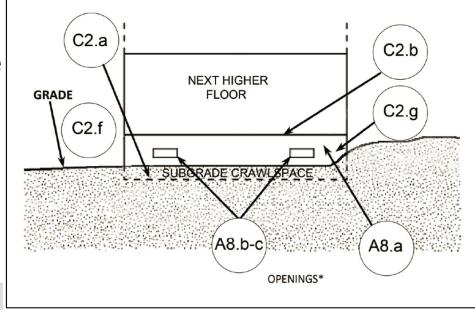
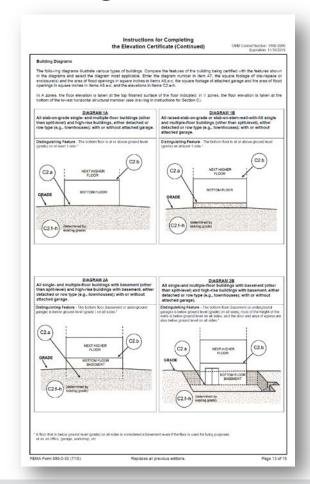
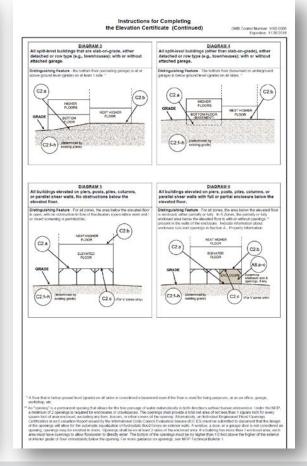






Diagram Number Assignment





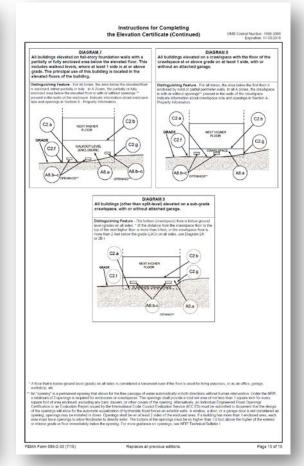






Diagram Number Assignment

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





































Elevation Certificate Instructions Page 8

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

Measure from exterior or interior grade, whichever is higher







Elevation Certificate Instructions Page 8

A7.	Building Diagram Number	Must be full Diagram Nur	mber (e.g., "1A" or	"1B," not just "1")	
	For a building with a crawls If there a) Square footage of crawls	is no crawlspace, enclosure,	or garage, enter "N	or a building with an attached garage: I/A" in the blanks lare footage of attached garage	sq ft
	b) Number of permanent flo crawlspace or enclosure above adjacent grade	. •	<mark>in th</mark>	nber of permanent flood openings ne attached garage within 1.0 foot we adjacent grade	
	c) Total net area of flood op	oenings in A8.b ed flood openings, attach the o	sq in <mark>c) Tota certification from the</mark>	thin 1.0 foot above grade, enter "0" al net area of flood openings in A9.b e engineer or the ICC Evaluation S gineered flood openings?	sq in
		SECTION B - FLOOD INSUR	ANCE RATE MAP (FIRM) INFORMATION	

A9 Attached garage:

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

Elevation Certificate Instructions Page 8

(<mark>47.</mark>	Building Diagram Number Must be full Diagram Number (e.g., "1A" or "1B," not just "1")		
4		For a building with a crawlspace or enclosure(s): A9. For a building with an attached garage: If there is no crawlspace, enclosure, or garage, enter "N/A" in the blanks		
		a) Square footage of crawlspace or enclosure(s) 1,405 sq ft a) Square footage of attached garage	N/A	sq ft
		b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot in the attached garage within 1.0 foot		
l		above adjacent grade above adjacent grade	N/A	_
		If there is a crawlspace, enclosure, or garage, but no openings within 1.0 foot above grade, enter "0" c) Total net area of flood openings in A8.b If there are engineered flood openings, attach the certification from the engineer or the ICC Evaluation S d) Engineered flood openings? Yes No No No No No No No No No N	N/A	sq in
ſ		SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION		

Elevation Certificate Instructions Page 8

A7.	Building Diagram Number	Must be full Diagram I	Number (e.g., "	1A" or "1B," not just "1")		
	For a building with a crawls If there a) Square footage of crawls	is no crawlspace, enclosur		A9. For a building with an attached garagenter "N/A" in the blanks a) Square footage of attached garage	ge: N/A	sq ft
	b) Number of permanent floorrawlspace or enclosure above adjacent grade	ood openings in the		b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade	N/A	
	If there is a crawle c) Total net area of flood op If there are engineere d) Engineered flood openin	o <mark>enings in A8.b) 1,68</mark> ed flood openings, attach th	sq İn	ngs within 1.0 foot above grade, enter c) Total net area of flood openings in A9.t from the engineer or the ICC Evaluatiod Engineered flood openings?	<mark>0</mark> N/A on Service	sq in
		SECTION B - FLOOD INS	URANCE RATE	MAP (FIRM) INFORMATION		

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





Most Widely Accepted and Trusted

ICC-ES Evaluation Report

ESR-2074

Page 2 of 2

Reissued December 1, 2012 This report is subject to renewal February 1, 2015.

www.icc-es.org | (800) 423-6587 | (562) 699-0543

A Subsidiary of the International Code Council®

DIVISION: 08 00 00—OPENINGS

Section: 08 95 00-Vents

ESR-2074 | Most Widely Accepted and Trusted

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

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

- With a minimum of two openings on different sides of each enclosed area.
- With a minimum of one AFFV for every 200 square (18.6 m²) of enclosed area, except that the NFIP/CRS

- AFFVs must be installed in **5.1** The accordance with this report, the applicable code and the manufacturer's installation instructions. In the event of a conflict, the instructions in this report govern.
- AFFVs must not be used in the place of "breakaway walls" in coastal high hazard areas, but are permitted for use in conjunction with breakaway walls in other areas.

60 EVIDENCE SUBMITTED

Elevation Certificate Instructions Page 9

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

SI	ECTION B - FLOOD INSU	JRANCE RATE MAP (FIRM	M) INFORMATION	
B1. NFIP Community Name & Comm	nunity Number	B2. County Name		B3. State
B4. Map/Panel Number B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/	B8. Flood Zone(s)	B9. Base Flood Elevation(s)
		Revised Date		(Zone AO, use base flood
				depth

B4. For maps in a county-wide format, the sixth character of the "Map Number" is the letter "C" followed by a four-digit map number.

For maps not in a county-wide format, enter the "Community Panel Number" shown on the FIRM.

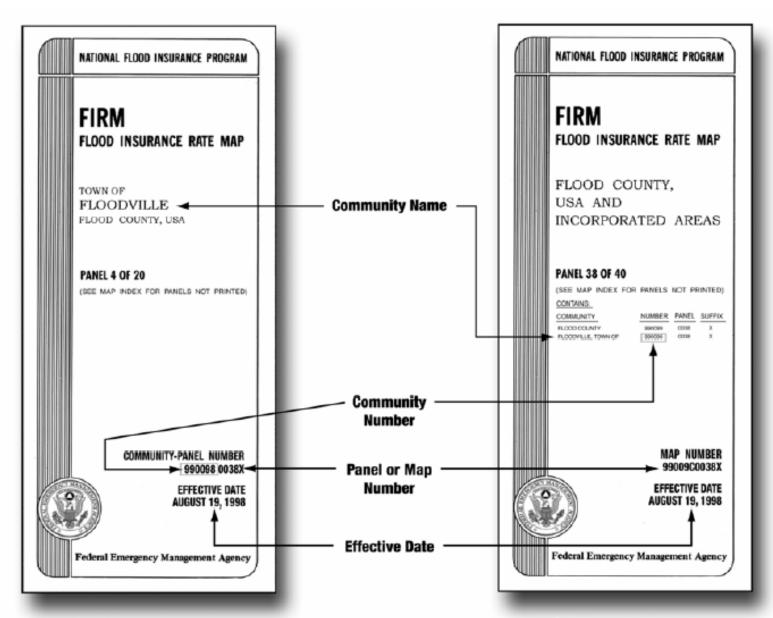


Figure 1. Sample FIRM Panel (Single Community)

Figure 2. Sample FIRM Panel (Countywide)

Elevation Certificate Instructions Page 9

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

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION						
B1. NFIP Community Name & Co	mmunity Number	B2. County Name		B3. State		
B4. Map/Panel Number B5. Suf	B6. FIRM Index Date E	7. FIRM Panel Effective/ Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth		

- B5. Suffix comes after the panel number Indicates how many times the panel has been revised
- B8. Use the zone for the building If building is in > 1 zone, list all the zones
- B9. Except in Zones AO and A, use the BFE on the FIRM, not a higher local regulatory flood elevation





Elevation Certificate Instructions Page 9

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

		SECTIO	N C - BUILDING I	ELEVATION	INFORMATION (SURVEY REQUIRED	D)		_
Des	ignation Date:		CBRS	OPA					
<mark>B12.</mark>	Is the building loo	cated in a Coastal	Barrier Resources	System (C	BRS) area or Othe	rwise Protected Area	(OPA)?	○ No	
<mark>B11.</mark>	Indicate elevation	n datum used for E	BFE in Item B9: (NGVD 19	29 NAVD 1988	Other/Source:			
	○ FIS Profile ○	FIRM Comm	unity Determined	Other/So	urce:				_
<mark>B10.</mark>	Indicate the sour	ce of the Base Flo	od Elevation (BFE) data or ba	<mark>se flood depth ent</mark>	ered in Item B9:			

Elevation Certificate Instructions Pages 10 – 11

SECTION C - BUILDING ELEVAT	SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)				
1. Building elevations are based on: Construction Drawings* Building Under Construction* Finished Construction A new Elevation Certificate will be required when construction of the building is complete.					
C2. Elevations: Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete tems 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	<mark>1 h) below.</mark>	8			
Other/Source:		_			
Datum used for building elevations must be the same as that used	for the BFF	Check the measurement used			

Elevation Certificate Instructions Pages 10 – 11

Section C2.a) – h)

Da	tum used for building elevations must be the same as that used for the BFE.			Check the mea	surement used.
a)	Top of bottom floor (including basement, crawlspace, or enclosure floor)	Every time .		∫ feet	
b)	Top of the next higher floor	If >1 floor .		∫ feet	meters
c)	Bottom of the lowest horizontal structural member (V Zones only)	V Zones .		∫ feet	meters
d)	Attached garage (top of slab)	If garage .		∫ feet	meters
e)	Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	Every time .		∫ feet	meters
f)	Lowest adjacent (finished) grade next to building (LAG)	Every time .		∫ feet	meters
g)	Highest adjacent (finished) grade next to building (HAG)	Every time .		∫ feet	meters
h)	Lowest adjacent grade at lowest elevation of deck or stairs, including structural support Items a), f) and g) must always have a number. If items b) - 6	e) are not releva	nt, enter "N/A	_ feet	meters

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





Elevation Certificate Instructions Pages 10 – 11

Section C2.a) – h)

Da	tum used for building elevations must be the same as that used for the BFE.		Check the mea	surement used.
a)	Top of bottom floor (including basement, crawlspace, or enclosure floor)	Every time .	∫ feet	○ meters
b)	Top of the next higher floor	If >1 floor .	∫ feet	○ meters
c)	Bottom of the lowest horizontal structural member (V Zones only)	V Zones .	∫ feet	meters
d)	Attached garage (top of slab)	If garage .	∫ feet	meters
,	Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	Every time .	◯ feet	○ meters
f)	Lowest adjacent (finished) grade next to building (LAG)	Every time .	∫ feet	meters
g)	Highest adjacent (finished) grade next to building (HAG)	Every time .	∫ feet	meters
,	Lowest adjacent grade at lowest elevation of deck or stairs, including structural support Items a), f) and g) must always have a number. If items b) - 6	Not on checklist e) are not relevant, enter "N/A	◯ feet	meters

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





Elevation Certificate Instructions Pages 10 – 11

Section C2 Assignment

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

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

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

Elevation Certificate Checklist

Section C2 Assignment

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

House #1 - in the AE Zone



A7. Building Diagram Number _____

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

EC Section C2-1

May 2016





House #1 – in the AE Zone



477.6

476.2 (grade) (A/C in back yard) (first floor)

478.6

478.1 (garage floor)

478.0 (grade)





House #1 – in the AE Zone

Diagram No.? 1A



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

- 478.6 N/Δ
 - N/A . ____
- 478.1
- 476.2
- - <u>478.0</u> . _____ N/A

- ★ feet meters
- ☐ feet ☐ meters
- ☐ feet ☐ meters
- ★ feet meters
- feet meters
- ☐ feet ☐ meters





House #2 – in the AE Zone



FEMA

17.7

7.7

(bottom)

of stairs)

17.6

16.5

8.1

8.0

House #2 – in the AE Zone

Diagram No.? 6



17.7,

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





House #3 – in the AE Zone



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

Crawlspace floor: 315.6

Grade: 316.1





House #3 – in the AE Zone

Diagram No.? 9



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

<u>315.6</u>		
318.6		

010.0	
N/A	
317.0	

017.0	
319.0	
<u> </u>	

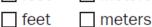
316.1	
316 9	

<u>310.9</u>	
N/A	
1 1// 1	

X	feet	meter

🕇 feet	□ meters

X 1	feet	meter





Elevation Certificate Instructions Page 11

SECTION D -	SURVEYOR, ENGINEER	R, OR A	RCHITECT CE	RTIFICATION	
This certification is to be signed and sealed by a that the information on this Certificate represent punishable by fine or imprisonment under 18 U.S.	s my best efforts to interp	-		•	_
Check here if attachments.	Were latitude and longitude in Section A provided by a licensed land surveyor? Yes No				
Certifier's Name	License Number				PLACE SEAL HERE
Title	Company Name				
Address	City	State	Zip Code	1	
Signature	(Date)	Teleph	one		
Copy all pages of this Elevation Certificate for (1) community official, (2)	insurand	e agent/compa	iny, and (3) building o	wner.
Comments (including type of equipment and loc	ation, per C2(e), if applic	cable)			

Elevation Certificate Instructions Page 11

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY	NOT REQU	IRED) <mark>FOR ZONE A</mark>	O AND ZONE A	(WITHOUT BFE)
For Zones AO and A (without BFE), complete Items E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.				
E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).				ove or below the
a) Top of bottom floor (including basement, crawlspace, or enclosure) is	·	○ feet ○ meters	above or	below the HAG.
b) Top of bottom floor (including basement, crawlspace, or enclosure) is	·	☐ feet ☐ meters	above or	below the LAG.
E2. For Building Diagrams 6-9 with permanent flood openings provided	in Section A	Items 8 and/or 9 (se	e page 8 of Inst	tructions), the next
nigher floor (elevation C2.b in the diagrams) of the building is	•	☐ feet ☐ meters	above or	below the HAG.
E3. Attached garage (top of slab) is		◯ feet ◯ meters	above or	below the HAG.
E4. Top of platform of machinery and /or equipment servicing the building is		○ feet ○ meters	above or	below the HAG.
E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? Yes No Unknown. The local official must certify this information in Section G.				

Can be completed by property owner or permit official





Elevation Certificate Instructions Page 11

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION				
The property owner or owner's authorized community-issued BFE) or Zone AO must				
Property Owner or Owner's Authorized Representative's Name Complete Section F if there is no BFE and Section E is used				
Address	City	State	ZIP Code	
Signature	Date	Telephone		
Comments				
			Check here if attachments.	

Elevation Certificate Instructions Pages 11 – 12

SECTION	ION G - COMMUNITY INFORM	ATION (OPTIONAL)	
The local official who is authorized by law or ording Sections A, B, C (or E), and G of this Elevation College G8-G10. In Puerto Rico only, enter meters.	Certificate. Complete the applica		
G1. The information in Section C was taken or architect who is authorized by law to Comments area below.)		_	
G2. A community official completed Section or Zone AO.	E for a building located in Zone	e A (without a FEMA-is	ssued or community-issued BFE)
G3. The following information (Items G4-G1	0) is provided for community flo	odplain management	purposes.
G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate	e of Compliance/Occupancy Issued
G7. This permit has been issued for: New Co	onstruction	rovement	
G8. Elevation of as-built lowest floor (including ba	vasement) ·	○ feet ○ meters	Datum
G9. BFE or (in Zone AO) depth of flooding at the building site:	·	○ feet ○ meters	Datum
G10. Community's design flood elevation:	·	○ feet ○ meters	Datum
Local Official's Name Complete and sign if G	Title 61, G2, G8, or G9 are checke	ed	
Community Name	Telephor	ne	
Signature	Date		
Comments (including type of equipment and loca	ation, per C2(e), if applicable)		

Helpful Hints

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

	U.S. DEPARTMENT OF HOMELAND SECURITY FEDERAL EMERGENCY MANAGEMENT AGENCY
	National Flood Insurance Program ELEVATION CERTIFICATE OMB Control Number: 1880-0008
	IMPORTANT: FOLLOW THE INSTRUCTIONS ON PAGES 8-15 Expension: 11/30/2018 Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.
	Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agenticompany, and (3) building owner. SECTION A - PROPERTY INFORMATION FOR INSURANCE COMPANY USE
	A1. Bullding Owner's Name Policy Number:
CORTAL	
	Building Street Address (including Apt., Unit, Suite, and/or Blog, No.) or P.O. Route and Company NAIC Number:
5 E	City State Zip Code
PAND SECTION	A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
	esidential, Non-Residential, Addition, Accessory, etc.)
FEMA O	Lat. Long. Horizontal Datum: CNAD 1927 CNAD 1983
FEMA Question	tographs of the building if the Certificate is being used to obtain flood insurance.
Guestioi	mber
	craw(space or enclosure(s): A9. For a building with an attached garage:
	a) Square footage of crawfspace or enclosure(s) sq # a) Square footage of attached garage sq #
National Flood Insurance Program	b) Number of permanent flood openings in the b) Number of permanent flood openings
	crawispace or enclosure(s) within 1.0 foot in the attached garage within 1.0 foot above adjacent grade above adjacent grade
	c) Total net area of flood openings in A8.b so in
	c) Total net area of flood openings in A8.b sq in c) Total net area of flood openings in A9.b sq in d) Engineered flood openings? C Yes C No d) Engineered flood openings? C Yes C No
ELEVATION CEDTIFICATE	SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION
ELEVATION CERTIFICATE	B1, NFIP Community Name & Community Number B2. County Name B3, State
	B4. Map/Panel Number B5. Suffix B6. FIRM Index Date B7. FIRM Panel Effective/ B8. Flood Zone(s) B9. Base Flood Elevation(s)
	Revised Date (Zone AO, use base flood
AND	depth
AND	B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:
	CFIS Profile CFIRM Community Determined Cother/Source:
INSTRUCTIONS	B11. Indicate elevation datum used for BFE in Item B9: ONGVD 1929 ONAVD 1988 Other/Source:
INSTRUCTIONS	B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No
	Designation Date: CBRS OPA
	SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)
	C1. Building elevations are based on: C Construction Drawings* Building Under Construction* Finished Construction A new Elevation Certificate will be required when construction of the building is complete.
	C2. Elevations: Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO, Complete
	Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.
	Benchmark Utilized: Vertical Datum; Indicate elevation datum used for the elevations in items a) through h) below,
	Other/Source:
	Datum used for building elevations must be the same as that used for the BPE. Check the measurement used. a) Top of bottom floor (including basement, crawispace, or enclosure floor) (feet Cimeters
	b) Top of the next higher floor
	c) Bottom of the lowest horizontal structural member (V Zones only)
	d) Attached garage (top of slab) , feet _ C meters
	e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) . Cfeet Cmeters
	f) Lowest adjacent (finished) grade next to building (LAG)
	g) Highest adjacent (finished) grade next to building (HAG)
	h) Lowest adjacent grade at lowest elevation of deck or stairs, including
	structural support Creet C meters
FEMA Form 086-0-33 (7/15) Replaces all previous editions. Page 1 of 15	FEMA Form 086-0-33 (7/15) Replaces all previous editions. Page 3 of 15



