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

OMB No. 1660-0008 Expiration Date: November 30, 2018

# **ELEVATION CERTIFICATE**

Important: Follow the instructions on pages 1-9.

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 INSUR	ANCE COMPANY USE		
A1. Building Owner's Name				Policy Numb	per:		
James A. Billings Jr							
<ul><li>A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.</li><li>326 Valley Ave.</li></ul>				Company N	AIC Number:		
City				State		ZIP Code	
Rainelle				West Virg	ginia	25962	
A3. Property Descr Tax Map 60L Tax P		nd Block Numbers, Ta	x Parcel	Number, Leg	gal Description, etc	Σ)	
A4. Building Use (	e.g., Residen	tial, Non-Residential,	Addition,	Accessory, 6	etc.) Residentia	ıl	
A5. Latitude/Longit	ude: Lat. 3	7.951704	Long8	0.795429	Horizontal	Datum: NAD 1	927 X NAD 1983
A6. Attach at least	2 photograp	hs of the building if the	e Certific	ate is being u	sed to obtain floor	d insurance.	
A7. Building Diagra	m Number	8					
A8. For a building v	with a crawls	pace or enclosure(s):					
a) Square foot	age of crawl	space or enclosure(s)		1	008.00 sq ft		
b) Number of p	ermanent flo	ood openings in the cra	awlspace	e or enclosure	e(s) within 1.0 foot	above adjacent gra	ade 6
c) Total net are	ea of flood o	penings in A8.b	1	320.00 sq in			
d) Engineered	flood openir	ngs? 🗵 Yes 🗌 N	lo				
A9. For a building v	vith an attach	ned garage:					
a) Square foot	age of attach	ned garage		N/A sq ft			
		ood openings in the at				acent grade N/A	
c) Total net are	ea of flood op	penings in A9.b		N/A sq	in	-	
d) Engineered	flood openin	gs?	10				
SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION							
B1. NFIP Community Name & Community Number Greenbriar Co. 540040		B2. County Name Greenbriar			B3. State West Virginia		
	T	T	I		T	T	L
B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	Effe	RM Panel ective/	B8. Flood Zone(s)	B9. Base Flood E (Zone AO, us	levation(s) e Base Flood Depth)
54025 C 0358	E	10-16-2012	10-16-2	vised Date 2012	A	2411.20	·
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:							
☐ FIS Profile ☐ FIRM ☐ Community Determined ☒ Other/Source: BFE Issued by Corps ID 1902-2812-1408							
B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 X 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 DPA							

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Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. 326 Valley Ave.	Policy Number:			
City State Rainelle West Virginia	Company NAIC Number			
SECTION C - BUILDING ELEVATION INFOR	MATION (SURVEY R	EQUIRED)		
C1. Building elevations are based on:   Construction Drawings*	Building Under Constru	uction* X Finished Construction		
*A new Elevation Certificate will be required when construction of the b		VAE ADVAA ACC ADVALL ADVAC		
C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (w Complete Items C2.a–h below according to the building diagram speci Benchmark Utilized: GPS Opus Vertical Da	ith BFE), AR, AR/A, AR/ ified in Item A7. In Puert atum: NAVD 88	AE, AK/A1–A30, AK/AH, AK/AO. to Rico only, enter meters.		
Indicate elevation datum used for the elevations in items a) through h)				
□ NGVD 1929 ☒ NAVD 1988 □ Other/Source:				
Datum used for building elevations must be the same as that used for	the BFE.	Check the measurement used.		
a) Top of bottom floor (including basement, crawlspace, or enclosure)	floor)24	402.10 X feet meters		
b) Top of the next higher floor		413.32 X feet meters		
c) Bottom of the lowest horizontal structural member (V Zones only)		N/A  feet  meters		
d) Attached garage (top of slab)		N/A feet meters		
<ul> <li>e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)</li> </ul>	24	413.32 × feet meters		
f) Lowest adjacent (finished) grade next to building (LAG)	24	401.98 X feet meters		
g) Highest adjacent (finished) grade next to building (HAG)	24	402.30 X feet  meters		
<ul> <li>h) Lowest adjacent grade at lowest elevation of deck or stairs, includi structural support</li> </ul>	ng 24	402.10 X feet meters		
SECTION D – SURVEYOR, ENGINEER, OR	ARCHITECT CERTIF	CATION		
This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.				
Were latitude and longitude in Section A provided by a licensed land surve		Check here if attachments.		
Certifier's Name License Numbe Philip L. Longenecker PS 1026	r	_		
Title		-		
Member		Place		
Company Name Wilkinson Surveying, LLC.		Seal		
Address	***************************************	Here		
818 Grandview Dr.		n n ver n Aer		
City State Dunbar West Virginia	ZIP Code 25064			
Signature Date 01-27-2020	Telephone (304) 768-5678	Ext.		
Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.				
Comments (including type of equipment and location, per C2(e), if applicable) C2(e) is an outside heat pump on an elevated treated platform. A8 Flood vents being used vent 220 square feet per vent and are 128 net square inches.				
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#### **ELEVATION CERTIFICATE**

OMB No. 1660-0008 Expiration Date: November 30, 2018

IMPORTANT: In these spaces, copy the corresponding information from Section A.	FOR INSURANCE COMPANY USE				
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 326 Valley Ave.	Policy Number:				
City State ZIP Code Rainelle West Virginia 25962	Company NAIC Number				
SECTION C - BUILDING ELEVATION INFORMATION (SURVEY F	REQUIRED)				
C1. Building elevations are based on: Construction Drawings* Building Under Const	ruction* X 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 Complete Items C2.a–h below according to the building diagram specified in Item A7. In Pue	R/AE, AR/A1-A30, AR/AH, AR/AO. rto Rico only, enter meters.				
Benchmark Utilized: GPS Opus Vertical Datum: NAVD 88					
Indicate elevation datum used for the elevations in items a) through h) below.					
☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source:  Datum used for building elevations must be the same as that used for the BFE.					
balant does for banding dievations made be the same as that ased for the Brit.	Check the measurement used.				
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	2402.10 X feet meters				
b) Top of the next higher floor	2413.32 X feet meters				
c) Bottom of the lowest horizontal structural member (V Zones only)	N/A feet meters				
d) Attached garage (top of slab)	N/A feet meters				
e) Lowest elevation of machinery or equipment servicing the building     (Describe type of equipment and location in Comments)	2413.32 X feet meters				
f) Lowest adjacent (finished) grade next to building (LAG)	401.98 X feet meters				
g) Highest adjacent (finished) grade next to building (HAG)	2402.30 X feet meters				
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	2402.10 🗵 feet 🗌 meters				
SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTI	FICATION				
This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized to certify that the information on this Certificate represents my best efforts to interpret the data available statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.	by law to certify elevation information. lable. I understand that any false				
Were latitude and longitude in Section A provided by a licensed land surveyor? Yes No Check here if attachments.					
Certifier's Name License Number Philip L. Longenecker PS 1026	HOR LONGEN SO				
Title	No. 1026				
Member	No. 1026				
Company Name					
Wilkinson Surveying, LLC.	STATE OF STA				
Address 818 Grandview Dr.	SONAL SURING				
City State ZIP Code	200880550083				
Dunbar West Virginia 25064					
Signature Date Telephone	Ext				
Copy all pages of this Ejevation Certificate and all attachments for (1) community official, (2) insurance	agent/company and (3) building owner.				
Comments (including type of equipment and location, per C2(e), if applicable)					
C2(e) is an outside heat pump on an elevated treated platform					
A8 Flood vents being used vent 220 square feet per vent and are 128 net square inches.					

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IMPORTANT: In these spaces, copy the correspondir	FOR INSURANCE COMPANY USE			
Building Street Address (including Apt., Unit, Suite, and/ 326 Valley Ave.	Policy Number:			
0.0	tate ZIP lest Virginia 259	Code 962	Company NAIC Number	
SECTION E – BUILDING ELE FOR ZONE	VATION INFORMATION AO AND ZONE A (WI	ON (SURVEY NOT THOUT BFE)	REQUIRED)	
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 at a lowest and a). Top of bottom floor (including basement,	djacent grade (LAG).			
crawlspace, or enclosure) is b) Top of bottom floor (including basement,		☐ feet ☐ mete		
crawlspace, or enclosure) is  E2. For Building Diagrams 6–9 with permanent flood or	penings provided in Sect	Land Land		
the next higher floor (elevation C2.b in the diagrams) of the building is		feet mete		
E3. Attached garage (top of slab) is		☐ feet ☐ mete	rs  above or below the HAG.	
E4. Top of platform of machinery and/or equipment servicing the building is		☐ feet ☐ mete	rs	
E5. Zone AO only: If no flood depth number is available floodplain management ordinance?  Yes	e, is the top of the bottom No Unknown. Th	n floor elevated in ac ne local official must	cordance with the community's certify this information in Section G.	
SECTION F - PROPERTY OWN	ER (OR OWNER'S REF	PRESENTATIVE) C	ERTIFICATION	
The property owner or owner's authorized representativ community-issued BFE) or Zone AO must sign here. The	e who completes Sections e statements in Sections	ns A, B, and E for Zo s A, B, and E are co	one A (without a FEMA-issued or rrect to the best of my knowledge.	
Property Owner or Owner's Authorized Representative's	Name			
Address	City	S	tate ZIP Code	
Signature	Date	Te	elephone	
Comments				
			,	
			Check here if attachments.	

OMB No. 1660-0008 **ELEVATION CERTIFICATE** Expiration Date: November 30, 2018 IMPORTANT: In these spaces, copy the corresponding information from Section A. FOR INSURANCE COMPANY USE Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. Policy Number: 326 Valley Ave. ZIP Code Company NAIC Number State City 25962 West Virginia Rainelle SECTION G - COMMUNITY INFORMATION (OPTIONAL) The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8-G10. In Puerto Rico only, enter meters. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor. engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.) A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO. The following information (Items G4–G10) is provided for community floodplain management purposes. G5. Date Permit Issued G6. Date Certificate of G4. Permit Number Compliance/Occupancy Issued G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement Elevation of as-built lowest floor (including basement) ☐ feet ☐ meters Datum \_\_\_\_ of the building: feet meters Datum G9. BFE or (in Zone AO) depth of flooding at the building site: ☐ feet ☐ meters Datum G10. Community's design flood elevation: Local Official's Name Title Community Name Telephone Signature Date Comments (including type of equipment and location, per C2(e), if applicable)

FEMA Form 086-0-33 (7/15)

Replaces all previous editions.

Form Page 4 of 6

Check here if attachments.

#### **BUILDING PHOTOGRAPHS**

**ELEVATION CERTIFICATE** 

See Instructions for Item A6.

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City	State	ZIP Code	Company NAIC Number
Rainelle	West Virginia	25962	

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.



Photo One Caption

Clear Photo One



Photo Two Caption

Clear Photo Two

#### **BUILDING PHOTOGRAPHS**

#### **ELEVATION CERTIFICATE**

Continuation Page

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IMPORTANT: In these spaces, copy the cor	FOR INSURANCE COMPANY USE		
Building Street Address (including Apt., Unit, 326 Valley Ave.	Suite, and/or Bldg. No.) or	P.O. Route and Box No.	Policy Number:
City	State	ZIP Code	Company NAIC Number
Rainelle	West Virginia	25962	

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.



Photo Three

Photo Three Caption left

Clear Photo Three



Photo Four

Photo Four Caption right

Clear Photo Four



# HUNTINGTON DISTRICT, US ARMY CORPS OF ENGINEERS

# **FLOODPLAIN MANAGEMENT SERVICES**

502 EIGHTH STREET
HUNTINGTON, WEST VIRGINIA 25701
1-866-401-3980 Email: fpms-lrh@usace.army.mil
04 March 2019 4:00:40 PM

ID:	1902-2812-1408 DATE IN: 2/28/2019	DATE O	JT: 2/28/2019		
CONTACT:	Jason Wilkinson	STATE:	WV		
INTEREST:	Professional Surveyor	COUNTY:	Greenbrier		
PHONE:	304-768-5678	LAT:	37.9517		
REQUEST:	Base Flood Elevation - GIS	LON:	-80.79543		
LOCATION:	326 Valley Ave, Rainelle, WV 25962				
EXCEPTION:	None noted				
	RESPONSE				
	ISSUED BFE:				
	2411.2 EL FT (NAVD88)				
	2411.2 LETT (NAVDOO)				
	CALCULATIONS:				
	State of West Virginia, 2003, 1/9-Arc Secor	d National E	levation Dataset		
	seamless download, http://nationalmap.us				
		_			
	Vertical Datum of 1988 meters converted to feet by multiplying values by 3.2808399.				
	3.2300333.				
	Drainage Basin - 17.78 SQ MI				
	NSS Crippen & Bue Flood Region "4"				
	NSS WV "Central"				
	PK100: 2,970.0 CFS				
	EG Slope: 0.002949853				
	Mannings N				
	Left Channel Bank: 0.05				
	Channel: 0.04				
	Right Channel Bank: 0.10				
	WS. EL. 2411.22				
	The information provided in this letter refl	ects FEMA N	ational Flood		
	insurance Program standards. It is recomm				
	coordinator be contacted for information of		173		
	structure location was determined from co	ordinates de	erived from a		
	detailed interview process and using the m	nost recent a	erial photography.		