

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: Susan F. & Donald P. Kinyon		Policy Number: _____	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 99 Sugar Maple Lane		Company NAIC Number: _____	
City: Fort Ashby		State: WV	ZIP Code: 26719
A3. Property Description (e.g., Lot and Block Numbers or Legal Description) and/or Tax Parcel Number: As described in Mineral County, West Virginia, Deed Book 399, Page 398			
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.): Residential			
A5. Latitude/Longitude: Lat. 39.504066		Long. -78.776984	Horiz. Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983 <input type="checkbox"/> WGS 84
A6. Attach at least two and when possible four clear color photographs (one for each side) of the building (see Form pages 7 and 8).			
A7. Building Diagram Number: 1A			
A8. For a building with a crawlspace or enclosure(s):			
a) Square footage of crawlspace or enclosure(s): 450 sq. ft.			
b) Is there at least one permanent flood opening on two different sides of each enclosed area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 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: 0 Engineered flood openings: 0			
d) Total net open area of non-engineered flood openings in A8.c: 0 sq. in.			
e) Total rated area of engineered flood openings in A8.c (attach documentation – see Instructions): 0 sq. ft.			
f) Sum of A8.d and A8.e rated area (if applicable – see Instructions): 0 sq. ft.			
A9. For a building with an attached garage:			
a) Square footage of attached garage: na sq. ft.			
b) Is there at least one permanent flood opening on two different sides of the attached garage? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
c) Enter number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade: Non-engineered flood openings: na Engineered flood openings: na			
d) Total net open area of non-engineered flood openings in A9.c: na sq. in.			
e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions): na sq. ft.			
f) Sum of A9.d and A9.e rated area (if applicable – see Instructions): na sq. ft.			

SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1.a. NFIP Community Name: Mineral County		B1.b. NFIP Community Identification Number: 540129	
B2. County Name: Mineral County		B3. State: WV	B4. Map/Panel No.: 54057C0095
B6. FIRM Index Date: 03/19/2013		B7. FIRM Panel Effective/Revised Date: 03/19/2013	
B8. Flood Zone(s): AE		B9. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth): 590.4'	
B10. Indicate the source of the BFE data or Base Flood Depth entered in Item B9: <input type="checkbox"/> FIS <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other: _____			
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____			
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date: _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA			
B13. Is the building located seaward of the Limit of Moderate Wave Action (LiMWA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

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99 Sugar Maple Lane

FOR INSURANCE COMPANY USE

City: Fort Ashby State: WV ZIP Code: 26719

Policy Number: _____

Company NAIC 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. 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: Opus Vertical Datum: NAVD 1988

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?

If Yes, describe the source of the conversion factor in the Section D Comments area.

Yes No

Check the measurement used:

a) Top of bottom floor (including basement, crawlspace, or enclosure floor):	591.4	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor (see Instructions):	_____	<input type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (see Instructions):	na	<input type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab):	na	<input type="checkbox"/> feet <input type="checkbox"/> 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):	591.4	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest Adjacent Grade (LAG) next to building: <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Finished	588.2	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest Adjacent Grade (HAG) next to building: <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Finished	588.8	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Finished LAG at lowest elevation of attached deck or stairs, including structural support:	588.5	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters

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 licensed land surveyor? Yes No

Check here if attachments and describe in the Comments area.

Certifier's Name: Gregory E. Vanscoy License Number: WV PS 2466

Title: Project Surveyor

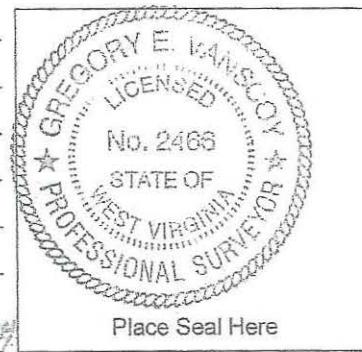
Company Name: RK&K Engineers

Address: 159 Plaza Drive

City: Keyser State: WV ZIP Code: 26726

Telephone: (304) 788-3370 Ext.: _____ Email: gvanscoy@rkk.com

Signature:  Date: 8/26/2024



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):
Opus Report attached

Machinery and equipment will be at or exceed the finish floor elevation of 591.4'

Owner plans of building on fill or on columns. It is recommended that the finish floor elevation exceed the base flood elevation by at least one foot placing the finish floor elevation at 591.4'

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99 Sugar Maple Lane

City: Fort Ashby State: WV ZIP Code: 26719

FOR INSURANCE COMPANY USE

Policy Number: _____

Company NAIC Number: _____

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 Diagram) for the following and check the appropriate boxes to show whether the measurement is above or below the natural HAG and the LAG.

a) Top of bottom floor (including basement, crawlspace, or enclosure) is: _____ 2.6 feet meters above or below the HAG.

b) Top of bottom floor (including basement, crawlspace, or enclosure) is: _____ 3.2 feet meters above or below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (C2.b in applicable 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: _____ 2.6 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.

SECTION F – PROPERTY OWNER (OR OWNER'S AUTHORIZED REPRESENTATIVE) CERTIFICATION

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

Check here if attachments and describe in the Comments area.

Property Owner or Owner's Authorized Representative Name: Gregory E. Vanscoy, P.S. 2466

Address: 159 Plaza Drive

City: Keyser State: WV ZIP Code: 26726

Telephone: (304) 788-3370 Ext.: _____ Email: gvanscoy@rkk.com

Signature: Gregory E. Vanscoy

Date: 8/26/2024

Comments:



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Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.:
99 Sugar Maple Lane

FOR INSURANCE COMPANY USE

City: Fort Ashby State: WV ZIP Code: 26719

Policy Number: _____

Company NAIC Number: _____

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.*

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: _____ 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: 3.2 feet meters above the LAG

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: Gregory E. Vanscoy, WV P.S. 2466

Address: 159 Plaza Drive

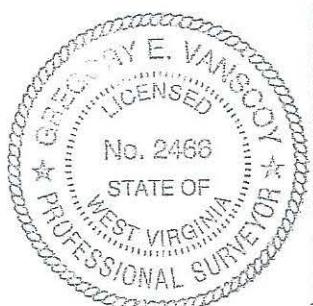
City: Keyser State: WV ZIP Code: 26726

Telephone: (304) 788-3370 Ext: _____ Email: gvanscoy@rkk.com

Signature: Gregory E. Vanscoy

Date: 8/26/2021

Comments: _____



ELEVATION CERTIFICATE
IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11
BUILDING PHOTOGRAPHS

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.:
99 Sugar Maple Lane

FOR INSURANCE COMPANY USE

City: Fort Ashby State: WV ZIP Code: 26719

Policy Number: _____

Company NAIC Number: _____

Instructions: Insert below at least two and when possible four photographs showing each side of the building (for example, may only be able to take front and back pictures of townhouses/rowhouses). Identify all photographs with the date taken and "Front View," "Rear View," "Right Side View," or "Left Side View." Photographs must show the foundation. When flood openings are present, include at least one close-up photograph of representative flood openings or vents, as indicated in Sections A8 and A9.



Photo One

Photo One Caption: Front Right 07/16/2024



Photo Two

Photo Two Caption: Front Left 07/16/2024

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

Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.:
99 Sugar Maple Lane

City: Fort Ashby State: WV ZIP Code: 26719

FOR INSURANCE COMPANY USE

Policy Number: _____

Company NAIC Number: _____

Insert the third and fourth photographs below. Identify all photographs with the date taken and "Front View," "Rear View," "Right Side View," or "Left Side View." When flood openings are present, include at least one close-up photograph of representative flood openings or vents, as indicated in Sections A8 and A9.



Photo Three

Photo Three Caption: Rear Right 07/16/2024



Photo Four

Photo Four Caption: Rear Left 07/16/2024

From: opus <opus@ngs.noaa.gov>
Sent: Sunday, August 25, 2024 10:07 PM
To: Greg Vanscoy
Subject: OPUS-RS solution : 07831911.24o OP1724637828624

EXTERNAL EMAIL: Do not click links or open attachments unless you trust the 'Sender' and know the content is safe.

FILE: 07831911.240 OP1724637828624

NGS OPUS-RS SOLUTION REPORT

All computed coordinate accuracies are listed as 1-sigma RMS values.
For additional information: <https://www.ngs.noaa.gov/OPUS/about.jsp#accuracy>

USER: gvaniscoy@rkk.com
RINEX FILE: 0783191q.24o

SOFTWARE: rsgps 1.38 RS292.prl 1.99.3 START: 2024/07/09 16:15:45
EPHEMERIS: igs23222.eph [precise] STOP: 2024/07/09 17:51:05
NAV FILE: brdc1910.24n OBS USED: 8280 / 10134 : 82%
ANT NAME: TRMR12 NONE QUALITY IND. 5.32/ 1.84
ARP HEIGHT: 2.05 NORMALIZED RMS: 0.470

REF FRAME: NAD 83(2011)(EPOCH:2010.0000) ITRF2014 (EPOCH:2024.52107)

X:	959187.247(m)	0.010(m)	959186.272(m)	0.010(m)
Y:	-4833809.406(m)	0.021(m)	-4833807.977(m)	0.021(m)
Z:	4035713.562(m)	0.022(m)	4035713.514(m)	0.022(m)

LAT: 39 30 13.31363 0.013(m) 39 30 13.34527 0.013(m)
 E LON: 281 13 24.87569 0.008(m) 281 13 24.84728 0.008(m)
 W LON: 78 46 35.12431 0.008(m) 78 46 35.15272 0.008(m)
 EL HGT: 146.550(m) 0.028(m) 145.291(m) 0.028(m)
 ORTHO HGT: 179.373(m) 0.034(m) [NAVD88 (Computed using GEOID18)]

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 17) SPC (4701 WV N)

Northing (Y) [meters] 4375035.456 111678.061

Easting (X) [meters] 691180.045 662229.777

Convergence [degrees] 1.41490833 0.46147778

Point Scale 1.00005002 0.99994301

Combined Factor 1.00002703 0.99992002

63 NATIONAL GRID DESIGNATION: 11000000000000000000 (110-00)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DP2883	P817 STCLAIRSVIPA2013 CORS GRP	N400844.059	W0783040.187	74801.7
DH8807	LOYC LOYOLA C COOP CORS ARP	N390712.546	W0781202.609	65411.0
DN9087	WVTA TERRA ALTA CORS ARP	N392616.643	W0793052.953	63953.4
DK6718	PAFU UNIONTOWN CORS ARP	N395535.688	W0794150.510	91874.4
DM2670	PAFM MCCONNELLSBURG CORS ARP	N395744.912	W0775843.617	85267.4
DF9217	ZDC1 DC WAAS 1 CORS ARP	N390605.714	W0773233.867	115396.9
DM4706	WVCV CANAAN VALLEY CORS ARP	N390055.076	W0792725.009	79947.1
DK6724	PAWG GREENSBURG CORS ARP	N401819.242	W0793022.377	108708.9
DL2039	LOYQ LOYOLA LOYQ CORS ARP	N393802.593	W0774251.098	92416.7

NEAREST NGS PUBLISHED CONTROL POINT

JW0392	C 47	N393404.000	W0784314.000	8583.9
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This position and the above vector components were computed without any knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.