

ELEVATION CERTIFICATE

IMPORTANT: Follow the instructions on pages 1-9.

OMB No. 1660-0008
Expiration Date: July 31, 2015

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name <u>LISA B. & THOMAS M. PETERSEN</u>		FOR INSURANCE COMPANY USE	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <u>4956 COAL RIVER ROAD</u>		Policy Number	
City <u>TORNADO</u> State <u>WEST VIRGINIA</u> ZIP Code <u>25202</u>		Company NAIC Number	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <u>1.89 ACRE LOT WASHINGTON DISTRICT TAX MAP 3 PARCEL 10-18</u>			
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>1 STORY FRAME HOUSE WITH ATTACHED GARAGE</u>			
A5. Latitude/Longitude: Lat. <u>38.316660</u> Long. <u>81.819324</u>		Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983	
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.			
A7. Building Diagram Number <u>8</u>			
A8. For a building with a crawlspace or enclosure(s):		A9. For a building with an attached garage:	
a) Square footage of crawlspace or enclosure(s) <u>1248</u> sq ft		a) Square footage of attached garage <u>336</u> sq ft	
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>7</u>		b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>1</u>	
c) Total net area of flood openings in A8.b <u>1344</u> sq in		c) Total net area of flood openings in A9.b <u>1008</u> sq in	
d) Engineered flood openings? ☐ Yes ☒ No		d) Engineered flood openings? ☐ Yes ☒ No	

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number <u>COAL RIVER ROAD 540088</u>		B2. County Name <u>LINCOLN</u>		B3. State <u>WEST VIRGINIA</u>	
B4. Map/Panel Number <u>54043C0129D</u>	B5. Suffix <u>D</u>	B6. FIRM Index Date <u>10/16/2013</u>	B7. FIRM Panel Effective/Revised Date <u>10/16/2013</u>	B8. Flood Zone(s) <u>AE</u>	B9. Base Flood Elevation(s) (Zone A0, use base flood depth) <u>620.0</u>
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: ☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source: _____					
B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No Designation Date: _____ / _____ / _____ ☐ CBRS ☐ OPA					

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction	
*A new Elevation Certificate will be required when construction of the building is complete.	
C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.	
Benchmark Utilized: <u>HX 2120 - TOP OF RAIL REFERENCE</u> Vertical Datum: <u>620</u>	
Indicate elevation datum used for the elevations in Items a) through h) below. ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____	
Datum used for building elevations must be the same as that used for the BFE.	
Check the measurement used.	
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>617.5</u> ☒ feet ☐ meters
b) Top of the next higher floor	<u>620.1</u> ☒ feet ☐ meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>N/A</u> ☐ feet ☐ meters
d) Attached garage (top of slab)	<u>618.0</u> ☒ feet ☐ meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) <u>HVAC</u>	<u>617.5</u> ☒ feet ☐ meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>617.1</u> ☒ feet ☐ meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>618.0</u> ☒ feet ☐ meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>617.1</u> ☒ feet ☐ meters

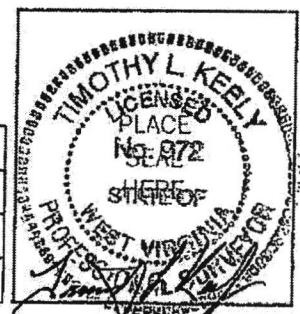
SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

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

☒ Check here if comments are provided on back of form.
☒ Check here if attachments.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No

Certifier's Name <u>TIMOTHY L. KEELY</u>		License Number <u>WV PS No. 972</u>	
Title <u>PROFESSIONAL SURVEYOR</u>		Company Name <u>KEELY SURVEYING</u>	
Address <u>790 WALKER ROAD</u>		City <u>CHARLESTON</u>	State <u>WV</u>
Signature <u>Timothy L. Keely</u>		ZIP Code <u>25311</u>	Telephone <u>304-345-8926</u>



ELEVATION CERTIFICATE, page 2

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:
City	State	ZIP Code	Company NAIC Number:

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

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

Comments OLD 1987 LINCOLN COUNTY FLOOD MAPS WERE VACUE, SHOWING ONLY ZONES A AND X WITHOUT A BASE FLOOD ELEVATION IN THIS AREA. NEW MAPS SHOW FLOOD ZONE AE WITH A BASE FLOOD ELEVATION OF 620.0

Signature James L. Kay Date 5/7/14

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

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

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.
- E2. For Building Diagrams 6-9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8-9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E3. Attached garage (top of slab) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

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

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

Property Owner or Owner's Authorized Representative's Name LISA B. & THOMAS M. PETERSEN

Address 4956 CAL RIVER ROAD City TORNADO State WV ZIP Code 25202

Signature James L. Kay Date 5/7/14 Telephone 304-345-8926

Comments _____

☐ Check here if attachments.

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8-G10. In Puerto Rico only, enter meters.

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

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued
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- G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: _____ ☐ feet ☐ meters Datum _____
- G9. BFE or (in Zone AO) depth of flooding at the building site: _____ ☐ feet ☐ meters Datum _____
- G10. Community's design flood elevation: _____ ☐ feet ☐ meters Datum _____

Local Official's Name	Title
Community Name	Telephone
Signature	Date
Comments	

☐ Check here if attachments.

WV Flood Map



This map is not the official regulatory FIRM or DFIRM. Its purpose is to assist with determining potential flood risk for the selected location.

Map Created on 5/8/2014

Location of the mouse click
 Approximate Study (Zone A)
 Detailed Study (Zone AE, AH, AO)
 Floodway
 Flood Water Depth (HEC-RAS)

Cross Section Line
 Base Flood Elevation Line
 DFIRM Panel (Map) Index

User Notes: *HOUSE SITE*
LISA B. & THOMAS M. PETERSEN
4956 COAL RIVER ROAD
TORNADO, WV
 Disclaimer: *25202*
 The online map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. To obtain more detailed information in areas where Base Flood Elevations have been determined, users are encouraged to consult the latest Flood Profile data contained in the official flood insurance study. These studies are available online at www.msc.fema.gov.

Flood Hazard Area: Selected site is **WITHIN** the FEMA 100-year floodplain.

Flood Zone: AE

Advisory Flood Height: N/A *620.0*

Water Depth: N/A

Elevation: About 613 feet *617*

Location (long, lat): 81.819324 W, 38.316660 N

Location (UTM 17N): (428375, 4241268)

FEMA Issued Flood Map: 54043C0129D

Contacts: Lincoln County

CRS Information: N/A

Flood Profile: 54043_001

HEC-RAS Model: No Model

FEDERAL EMERGENCY MANAGEMENT AGENCY
 NATIONAL FLOOD INSURANCE PROGRAM
 ELEVATION CERTIFICATE
 O.M.B. No. 3067-0077
 Expires December 31, 2005

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires December 31, 2005

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-7.

SECTION A - PROPERTY OWNER INFORMATION		For Insurance Company Use
BUILDING OWNER'S NAME FREDDRICK & DELORES KELLAR		Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 4956 COAL RIVER ROAD		Company NAIC Number
CITY TORNADO	STATE WV	ZIP CODE 25202
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) 1.89 ACRE LOT WASHINGTON DISTRICT TAX MAP 3 PARCEL 10.18		
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) ONE STORY FRAME WITH GARAGE		
LATITUDE/LONGITUDE (OPTIONAL) (** - ** - ** or ** - ** - **)		HORIZONTAL DATUM: ☐ NAD 1927 ☐ NAD 1983
		SOURCE: ☐ GPS (Type): ☒ USGS Quad Map ☐ Other:

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. FIRM COMMUNITY NAME & COMMUNITY NUMBER TORNADO 54088		B2. COUNTY NAME LINCOLN		B3. STATE WEST VIRGINIA	
B4. MAP AND PANEL NUMBER 0050	B5. SUFFIX B	B6. FIRM INDEX DATE	B7. FIRM PANEL EFFECTIVE/REVISED DATE SEPTEMBER 18, 1987	B8. FLOOD ZONE(S) X	B9. BASE FLOOD ELEVATION(S) (Zone A0, use depth of flooding) 620.5

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9. **ELEVATION FROM KANAWHA COUNTY 540070 0216 C**
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe):

B11. Indicate the elevation datum used for the BFE in B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe):

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

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. Building Diagram: Number **2** (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

C3. 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 C3-a-i below according to the building diagram specified in item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.

Datum **KANAWHA COUNTY MAP** Conversion/Comments

Elevation reference mark used **FIRM**. Does the elevation reference mark used appear on the FIRM? ☒ Yes ☐ No

a) Top of bottom floor (including basement or enclosure) **AVE. GRADE 620.9 ft.(m)**

b) Top of next higher floor **ONLY ONE FLOOR 623.5 ft.(m)**

c) Bottom of lowest horizontal structural member (V zones only) **621.4 ft.(m)**

d) Attached garage (top of slab) **621.4 ft.(m)**

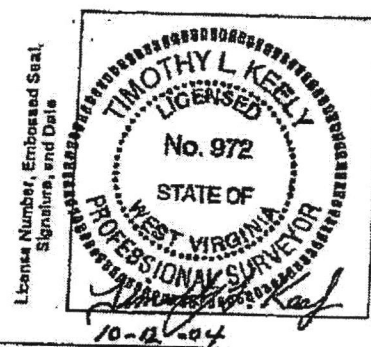
e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area)

f) Lowest adjacent (finished) grade (LAG) **620.5 ft.(m)**

g) Highest adjacent (finished) grade (HAG) **621.3 ft.(m)**

h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade

i) Total area of all permanent openings (flood vents) in C3.h sq. in. (sq. cm)



SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information.
I certify that the information in Sections A, B, and C 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.

CERTIFIER'S NAME TIMOTHY L. KEELY		LICENSE NUMBER WV PS NO. 972	
TITLE PROFESSIONAL SURVEYOR		COMPANY NAME KEELY SURVEYING	
ADDRESS 790 WALKER ROAD		CITY CHARLESTON	STATE WV
SIGNATURE Timothy L. Keely		ZIP CODE 25311	TELEPHONE (304) 345-8926
DATE 10-12-04			