

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 INSURANCE COMPANY USE	
A1. Building Owner's Name Colleen Jones				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 434 6th Ave SW				Company NAIC Number:	
City Ephrata		State Washington		ZIP Code 98823	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 4, Block 2, Thiemans Addition, Grant County Parcel# 14-0799-000					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>					
A5. Latitude/Longitude: Lat. <u>N47°18'57.93"</u> Long. <u>W119°33'34.22"</u> Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> 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>9</u>					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) <u>1,736</u> sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>13</u>					
c) Total net area of flood openings in A8.b <u>1,498</u> sq in					
d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
A9. For a building with an attached garage:					
a) Square footage of attached garage <u>412</u> sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>0</u>					
c) Total net area of flood openings in A9.b <u>0</u> sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number Ephrata, City of 530051			B2. County Name Grant		B3. State Washington
B4. Map/Panel Number 53025C0758	B5. Suffix C	B6. FIRM Index Date 02/18/2009	B7. FIRM Panel Effective/ Revised Date 02/18/2009	B8. Flood Zone(s) AO	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) Depth 1 Ft.
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
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					

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

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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: _____ 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.

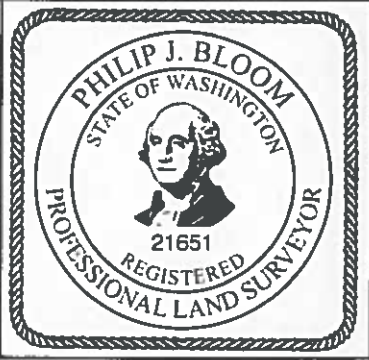
Check the measurement used.

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

Were latitude and longitude in Section A provided by a licensed land surveyor? Yes No Check here if attachments.

Certifier's Name Phillip J. Bloom, P.E. P.L.S.		License Number 21651	
Title Senior Surveyor			
Company Name Columbia Northwest Engineering PC			
Address 249 North Elder Street			
City Moses Lake	State Washington	ZIP Code 98837	
Signature	Date 11/19/2018	Telephone (509) 766-1226	

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)
Per the City of Ephrata Standards, HAG and LAG are the highest and lowest Top Back of Curb respectively on northeast side of the lot on 6th Ave. adjacent to the Residence. The residence main floor is constructed 3.0 feet above the referenced curb per the instruction of the Building Official of the City of Ephrata, WA. as related to Del Green PE.

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**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 0.78 feet meters above or below the HAG.
 - b) Top of bottom floor (including basement, crawlspace, or enclosure) is 0.84 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 (elevation C2.b in the diagrams) of the building is 3.0 feet meters above or below the HAG.
- E3. Attached garage (top of slab) is 1.7 feet meters above or below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is 2.1 feet meters above or below the HAG.
see note 1 below
- 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 Philip J. Bloom PE, PLS Columbia NW Engineering PS			
Address 249 N Elder St.	City Moses Lake	State Washington	ZIP Code 98837
Signature	Date 11/19/2018	Telephone (509) 766-1226	

Comments
Per the City of Ephrata Standards, HAG and LAG are the highest and lowest Top Back of Curb respectively on northeast side of the lot on 6th Ave. adjacent to the Residence. The residence main floor is constructed 3.0 feet above the referenced curb per the instruction of the Building Official of the City of Ephrata, WA. as related to Del Green PE.

- 1.**
* Top of concrete slab for machinery and/or equipment is 1.7 feet above HAG. Equipment is placed on four posts 7" above the concrete slab.

Check here if attachments.

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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 18-060	G5. Date Permit Issued 04/24/2018	G6. Date Certificate of Compliance/Occupancy Issued 11/26/2018
------------------------------------	---------------------------------------------	--------------------------------------------------------------------------

- G7. This permit has been issued for: New Construction Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: _____ **78** _____ feet meters Datum **NAVD88**
- G9. BFE or (in Zone AO) depth of flooding at the building site: _____ **1.0** _____ feet meters Datum _____
- G10. Community's design flood elevation: _____ **3.0** _____ feet meters Datum _____

Local Official's Name Bill Cox	Title Building Official
Community Name City of Ephrata	Telephone (509) 754-4601 Ext 135
Signature Bill Cox	Date 11/24/2018

Comments (including type of equipment and location, per C2(e), if applicable)

Home sets on enclosed crawlspace. The crawlspace floor is .78 below hq. The first floor is 3.0 above hq. Engineered flood vents installed in crawlspace. The garage floor sets 1.7 feet above hq. The design and venting meets the City of Ephrata design flood standards.

Check here if attachments.

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

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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

Photo One Caption 10/22/2018 Rear View

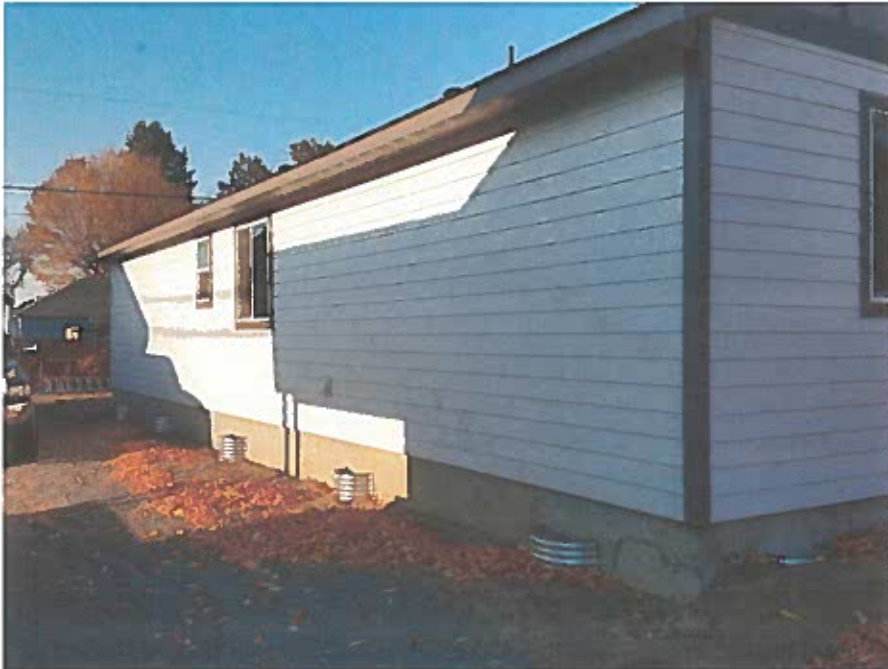


Photo Two

Photo Two Caption 10/22/2018 Left View

BUILDING PHOTOGRAPHS

Continuation Page

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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 One

Photo One Caption 10/22/2018 Front View



Photo Two

Photo Two Caption 10/22/2018 Right View

National Flood Hazard Layer FIRMette



47°19'10.25"N

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

Legend

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, V, X99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with draining areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee. See Notes. Zone X
- Area with Flood Risk due to Levee Zone D

OTHER AREAS

- Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone X

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

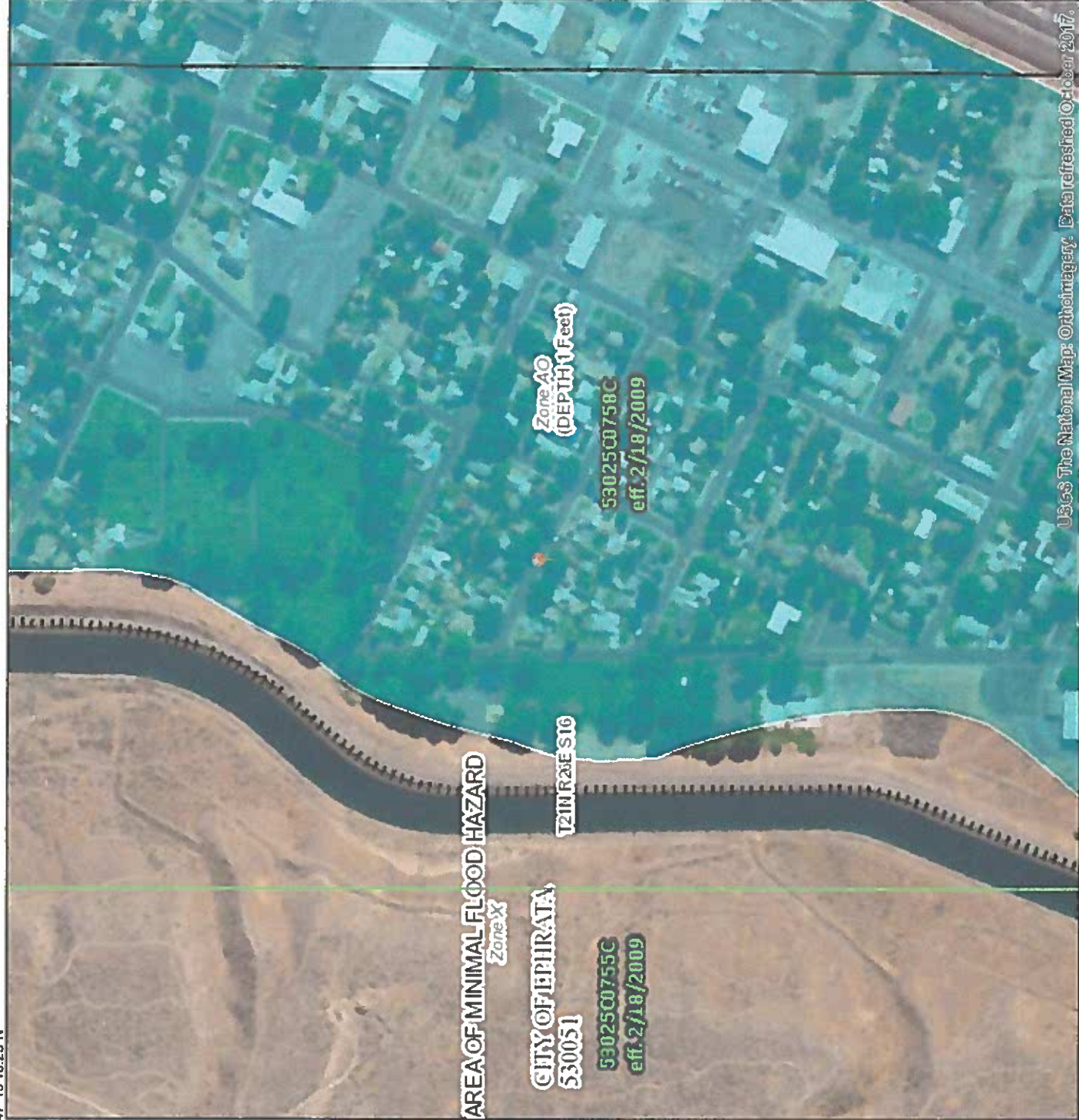
- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/17/2018 at 1:17:06 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map identifiers for unmapped and unmodernized areas cannot be used for regulatory purposes.



119°33'15.29"W

U.S.G.S The National Map: Orthoimagery. Data refreshed October 2017.

47°18'45.86"N

Feet 1:6,000

