

DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
ELEVATION CERTIFICATE

IMPORTANT: FOLLOW THE INSTRUCTIONS ON PAGES 9-16

OMB Control Number: 1660-0008
Expiration: 1/1/30/2018

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

A1. Building Owner's Name: Policy Number:

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 320 Lolo Trail Ave. Company NAIC Number:

City: Woodland State: WA Zip Code: 98674

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.):
Lot 4, Meriwether Subdivision (Vol. 14, Pg. 54)

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.): Residential

A5. Latitude/Longitude: Lat. 45°55'22.39" Long. - 122°44'06.00" 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 9

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) 1054 a) Square footage of attached garage 635 sq ft
- b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 14 b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0
- c) Total net area of flood openings in A8.b 1598 sq in c) Total net area of flood openings in A9.b 0 sq in
- d) Engineered flood openings? Yes No d) Engineered flood openings? Yes No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NEIP Community Name & Community Number B2. County Name Cowlitz B3 State WA

B4. Map/Panel Number B5. Suffix B6. FIRM Index Date B7. FIRM Panel Effective/ Revised Date B8. Flood Zone(s) B9. Base Flood Elevation(s) (Zone AO, use base flood depth)

53015C0886 G 12/16/15 12/16/15 AE 36.8'

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

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.

* A new Elevation Certificate will be required when construction of the building is complete.

Benchmark Utilized: RM4 (see comment section) Vertical Datum: NGVD 1929

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.

- 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

Check the measurement used.

<input checked="" type="radio"/> feet	<input type="radio"/> meters
<input type="radio"/> feet	<input type="radio"/> meters
<input type="radio"/> feet	<input type="radio"/> meters
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<input checked="" type="radio"/> -feet	<input type="radio"/> meters
<input type="radio"/> feet	<input type="radio"/> meters
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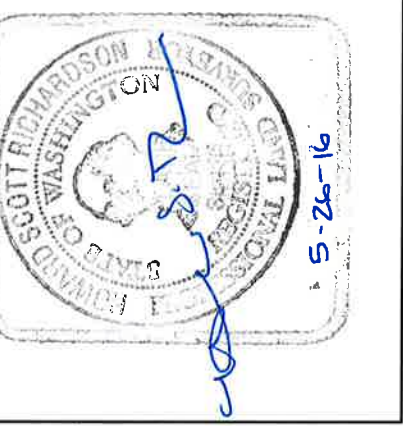
ELEVATION CERTIFICATE

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

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



Certifier's Name Howard S. Richardson		License Number 38485	
Company Name Olson Engineering, Inc.			
Title PLS	City Vancouver	State WA	Zip Code 98660
Address 222 E. Evergreen Blvd	Date 5/24/16	Telephone 360-695-1385	
Signature 			

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

Comments (including type of equipment and location)

A5 was taken from GoogleEarth and field verified. A8-crawlspace is backfilled inside. C2-Elevations were based on RM4 as shown on the previous FIRM and converted to NAVD1988 using the conversion factor shown on Pg. 31 of the FIS adopted 12/16/15. C2e is the water heater in the garage. C2h are the roof support piers on the east and north side of the structure.

Signature _____ Date _____

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: _____

Address	City	State	ZIP Code
Signature	Date	Telephone	

Comments

Check here if attachments.

BUILDING PHOTOGRAPHS

See instructions for Item A6

OMB Control Number: 1660-0098
Expiration: 1/30/2018

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. 320 Lolo Trail Ave.		Policy Number:
City Woodland	State WA	Zip Code 98674
		Company NAIC Number:

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.

FRONT VIEW 05/26/2016



REAR VIEW 05/26/2016

