

DEPARTMENT OF HOMELAND SECURITY  
Federal Emergency Management Agency  
ELEVATION CERTIFICATE

**IMPORTANT: FOLLOW THE INSTRUCTIONS ON PAGES 9-16**

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

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.  1837 Willow St.. Company NAIC Number:

City  Woodland State  WA Zip Code  98674

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 53, Meriwether Subdivision (Vol. 14, Pg. 54)

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

A5. Latitude/Longitude: Lat.  45°55'19.42" Long.  122°44'05.93" 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)  1810 a) Square footage of attached garage  428 sq ft
- b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade  27 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  3083 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 B3 State  WA

City of Woodland 530035 Cowlitz

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

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 type="radio"/> feet	<input type="radio"/> meters
<input type="radio"/> feet	<input type="radio"/> meters
<input type="radio"/> feet	<input type="radio"/> meters
<input type="radio"/> feet	<input type="radio"/> meters
<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
<input type="radio"/> feet	<input type="radio"/> meters
<input type="radio"/> feet	<input type="radio"/> meters

<input type="text"/> 37.9
<input type="text"/> 40.6
<input type="text"/> NA
<input type="text"/> 39.1
<input type="text"/> 39.2
<input type="text"/> 38.3
<input type="text"/> 38.3
<input type="text"/> 39.1

# ELEVATION CERTIFICATE

OMB Control Number: 1660-0008  
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## 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 Howard S. Richardson	License Number 38485		
Title PLS	Company Name Olson Engineering, Inc.		
Address 222 E. Evergreen Blvd	City Vancouver	State WA	Zip Code 98660
Signature <i>Howard S. Richardson</i>	Date 2-1-16	Telephone 360-695-1385	

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. C2-Elevations were based on RM4 as shown on the previous FIRM and converted to NGVD1988 using the conversion factor shown on pg. 31 of the FIS adopted 12/16/15. C2e is the heat pump/AC pad located on the West side of the structure. C2h is the bottom of the roof support pier on the south side of the structure.

Signature *Howard S. Richardson*

Date 2-1-16

## 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.

**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 \_\_\_\_\_

## BUILDING PHOTOGRAPHS

See instructions for Item A6

OMB Control Number: 1680-0098  
Expiration: 1/30/2018

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>	
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1837 Willow St.	FOR INSURANCE COMPANY USE
City Woodland	Policy Number:
State WA	Company NAIC Number:
Zip Code 98674	

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 02/03/16



REAR VIEW 02/03/16

