ELEVATION CERTIFICATE

Important: Read the instructions on pages 1–9.

SECTION A – PROPERTY INFORMATION

A1. Building Owner’s Name

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
1803 Clatsop St.

City Woodland State WA ZIP Code 98674

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 58, Meriwether Subdivision, (Vol. 14, Pg. 54)

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

A5. Latitude/Longitude: Lat. 45° 55’ 24.07” Long. -122° 44’ 09.77” 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):
   a) Square footage of crawlspace or enclosure(s) 1722 sq ft
   b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 25
   c) Total net area of flood openings in A8 b 2854 sq in
   d) Engineered flood openings? □ Yes □ No

A9. For a building with an attached garage:
   a) Square footage of attached garage 516 sq ft
   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 A9 b 0 sq in
   d) Engineered flood openings? □ Yes □ No

SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number Cowlitz County 530032
B2. County Name Cowlitz
B3. State WA

B4. Map/Panel Number 0285
B5. Suffix D
B6. FIRM Index Date Sept 29, 1989
B7. FIRM Panel Effective/Revised Date Sept. 4, 1985
B8. Flood Zone(s) A15
B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 33.4’

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

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.


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.

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor) 34.1 feet 0 meters
b) Top of the next higher floor 37.0 feet 0 meters
c) Bottom of the lowest horizontal structural member (V Zones only) NA
   □ feet □ meters
d) Attached garage (top of slab) 36.7 feet 0 meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) 36.7 feet 0 meters
f) Lowest adjacent (finished) grade next to building (LAG) 34.9 feet 0 meters
g) Highest adjacent (finished) grade next to building (HAG) 35.8 feet 0 meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support 35.5 feet 0 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. Were latitude and longitude in Section A provided by a licensed land surveyor? □ Yes □ No

Certifier’s Name Howard S. Richardson License Number 38485

Title PLS Company Name Olson Engineering, Inc.
Address 11111 Broadway City Vancouver State WA ZIP Code 98660
Signature Date 09/17/14 Telephone 360-695-1385

See reverse side for continuation.

Replaces all previous editions.
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: A5 was taken from GoogleEarth and field verified. C2e is to the heat pump/AC pad on the west side of the structure. C2h is to the bottom of the roof support pier at the southwest corner.

Signature: ____________________________ Date: 09/17/14

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, crawl space, or enclosure) is ________ feet ________ meters ________ above or ________ below the HAG.
   b) Top of bottom floor (including basement, crawl space, 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 C2.0 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’s 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.


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.

FEMA Form 086-0-33 (7/12) Replaces all previous editions.
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
1803 Clatsop St.

City Woodland
State WA
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 09/17/14

REAR VIEW 09/17/14