

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

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

SECTION A - PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

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.
 1803 Clatsop 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 58, Meriwether Subdivision, (Vol. 14, Pg. 54)

FILE COPY

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):

A9. For a building with an attached garage:

- a) Square footage of crawlspace or enclosure(s) 1717 sq ft
- b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 2
- c) Total net area of flood openings in A8.b 1717 sq in
- d) Engineered flood openings? Yes No

- a) Square footage of attached garage 560 sq ft
- b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 2
- c) Total net area of flood openings in A9.b 560 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
 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: 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) 33.6 feet meters
- b) Top of the next higher floor 35.4 feet meters
- c) Bottom of the lowest horizontal structural member (V Zones only) NA feet meters
- d) Attached garage (top of slab) x.x feet meters
- e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) x.x feet meters
- f) Lowest adjacent (finished) grade next to building (LAG) 34.6 feet meters
- g) Highest adjacent (finished) grade next to building (HAG) 34.6 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.

- 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
 Check here if attachments.

Certifier's Name Howard S. Richardson

License Number 38485

Title PLS

Company Name Olson Engineering, Inc.

Address 1111 Broadway

City Vancouver

State WA

ZIP Code 98660

Signature [Signature]

Date 06/17/14

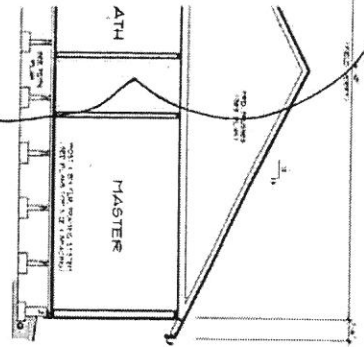
Telephone 360-695-1385



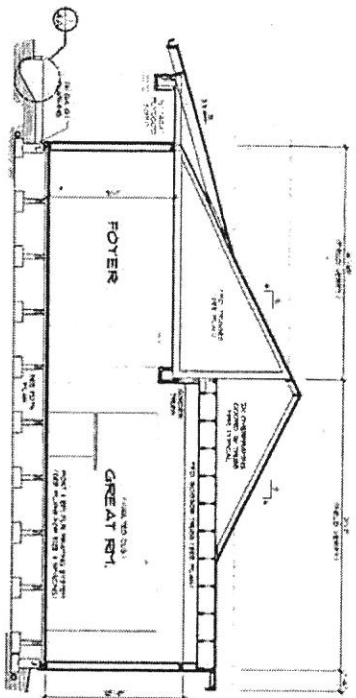
I CERTIFY THAT THE BASE FLOOD ELEVATION AS DERIVED FROM THE FIRM FOR COWITZ COINTZ (530052 62850 REVISED SEPTEMBER 20, 1989) IS AN ELEVATION OF 33.4' AT 1803 CLATSOP ST. AND THAT THE MINIMUM FINISH FLOOR ELEVATION ON THESE PLANS AS REQUIRED PER CITY OF WOODLAND AND CODE 14.40.050 (B) (1) (a) WILL BE 34.1'. THESE ELEVATIONS ARE BASED ON THE ELEVATION OF RM4 (35.08' NGVD 1929 ADJUSTED 1947) AS SHOWN ON THE FIRM. THIS ELEVATION APPLIES ONLY TO THE ELEVATION SHOWN HEREON.

THE LIVING AREA HAS A CRAWLSPACE AREA OF 1717 SQUARE FEET WHICH REQUIRES A MINIMUM OF 1717 SQUARE INCHES OF VENTING LOCATED WITHIN 1' OF THE OUTSIDE FINISH GRADE. THE GARAGE AREA IS 560 SQUARE FEET WHICH WILL REQUIRE A MINIMUM OF 560 SQUARE INCHES LOCATED WITHIN 1' OF THE OUTSIDE FINISH GRADE. BOTH AREAS REQUIRE A MINIMUM OF 2 VENTS PER AREA ON DIFFERENT WALLS.

HOWARD S. RICHARDSON PLS 3885

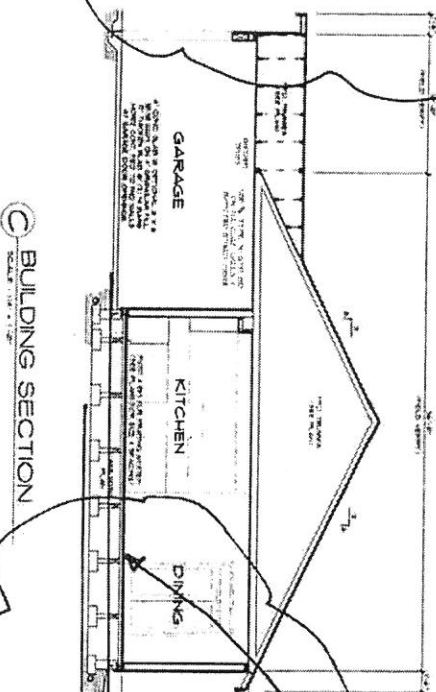


SECTION



B BUILDING SECTION

1803 CLATSOP ST.
WOODLAND, WA 98274



C BUILDING SECTION

Minimum Finish Floor
Elevation = 34.1'
EXISTING GRADE = 34.1'
D.F.E. = 33.4'

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102509

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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.
 1803 Clatsop 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 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 515 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
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B6. FIRM Index Date
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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
 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: 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 meters
- b) Top of the next higher floor 37.0 feet meters
- c) Bottom of the lowest horizontal structural member (V Zones only) NA feet meters
- d) Attached garage (top of slab) 36.7 feet meters
- e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) 36.7 feet meters
- f) Lowest adjacent (finished) grade next to building (LAG) 34.9 feet meters
- g) Highest adjacent (finished) grade next to building (HAG) 35.8 feet meters
- h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support 35.5 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. 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 1111 Broadway City Vancouver State WA ZIP Code 98660

Signature [Signature] Date 09/17/14 Telephone 360-695-1385



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. 1803 Clatsop St.		Policy Number:
City Woodland	State WA ZIP Code 98674	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 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, 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'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.

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.

Building Photographs

See Instructions for Item A6.

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.
1803 Clatsop St.

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 09/17/14



REAR VIEW 09/17/14

