

FROM-OLSON ENGINEERING  
 NATIONAL FLOOD INSURANCE PROGRAM  
**ELEVATION CERTIFICATE**

F-088 P. 02/03 F-959  
 Expires July 31, 2002

Important: Read the instructions on pages 1 - 7.

**SECTION A - PROPERTY OWNER INFORMATION**

BUILDING OWNER'S NAME		For Insurance Company Use:	
		Policy Number	
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 364 Pine St		Company NAIC Number	
CITY WOODLAND	STATE WA	ZIP CODE 98674	
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 4 Block 1, Riverbend Estates 3			
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use Comments section if necessary.) RESIDENTIAL			
LATITUDE/LONGITUDE (OPTIONAL) (##° - ##' - ##" or ###.###)		HORIZONTAL DATUM: SOURCE: <input type="checkbox"/> GPS (Type): <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other:	
		<input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983	

**SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION**

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER 530032		B2. COUNTY NAME COWLITZ		B3. STATE WA	
B4. MAP AND PANEL NUMBER 305	B5. SUFFIX d	B6. FIRM INDEX DATE 9/29/89	B7. FIRM PANEL EFFECTIVE/REVISED DATE	B8. FLOOD ZONE(S) A15	B9. BASE FLOOD ELEVATION(9) (Zone AO, use depth of flooding) 34.2

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9.  
 FIS Profile  FIRM  Community Determined  Other (Describe): \_\_\_\_\_

B11. Indicate the elevation datum used for the BFE in B9:  NGVD 1929  NAVD 1988  Other (Describe): \_\_\_\_\_

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?  Yes  No  
 Designation Date \_\_\_\_\_

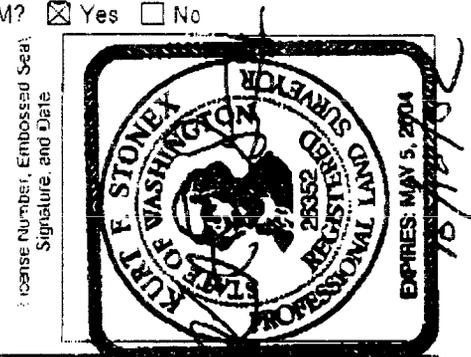
**SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)**

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.  
 Building Diagram Number 8 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

C3. 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 C3a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.  
 Datum \_\_\_\_\_ Conversion/Comments \_\_\_\_\_

Elevation reference mark used RM4 Does the elevation reference mark used appear on the FIRM?  Yes  No

- a) Top of bottom floor (including basement or enclosure) 33.1 ft. (m)
- b) Top of next higher floor 35.8 ft. (m)
- c) Bottom of lowest horizontal structural member (V zones only) X. X ft. (m)
- d) Attached garage (top of slab) 34.3 ft. (m)
- e) Lowest elevation of machinery and/or equipment servicing the building 37.6 ft. (m)
- f) Lowest adjacent grade (LAG) 33.5 ft. (m)
- g) Highest adjacent grade (HAG) 33.7 ft. (m)
- h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade 15
- i) Total area of all permanent openings (flood vents) in C3h 1523 sq. in. (sq. m)



**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 in Sections A, B, and C 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.

CERTIFIER'S NAME KURT F. STONEX LICENSE NUMBER PLS 26352

TITLE P.L.S. COMPANY NAME OLSON ENGINEERING, INC

ADDRESS 111 BROADWAY CITY VANCOUVER STATE WA ZIP CODE 98660  
 SIGNATURE [Signature] DATE 10/09/02 TELEPHONE (360) 695-1385

IMPORTANT: In these spaces, copy the corresponding information from the building plans.

BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 364 Pine 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 C3e is to the bottom of a forced air furnace located in the garage

Check here if attachments

**SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)**

For Zone AO and Zone A (without BFE), complete Items E1 through E4. If the Elevation Certificate is intended for use as supporting information for a LOMA or LOMR-F, Section C must be completed.

- E1. Building Diagram Number \_\_ (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)
- E2. The top of the bottom floor (including basement or enclosure) of the building is \_\_ ft.(m) \_\_ in.(cm)  above or  below (check one) the highest adjacent grade.
- E3. For Building Diagrams 6-8 with openings (see page 7), the next higher floor or elevated floor (elevation b) of the building is \_\_ ft.(m) \_\_ in.(cm) above the highest adjacent grade.
- E4. For 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.

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.

- G1.  The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local 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-G6) is provided for community floodplain management purposes.

G4. PERMIT NUMBER _____	G5. DATE PERMIT ISSUED _____	G6. DATE CERTIFICATE OF COMPLIANCE/OCCUPANCY ISSUED _____
-------------------------	------------------------------	---

- G7. This permit has been issued for:  New Construction  Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building is: \_\_\_\_\_ ft.(m) Datum: \_\_\_\_\_
- G9. BFE or (In Zone AO) depth of flooding at the building site is: \_\_\_\_\_ ft.(m) Datum: \_\_\_\_\_

LOCAL OFFICIAL'S NAME _____	TITLE _____
COMMUNITY NAME _____	TELEPHONE _____
SIGNATURE _____	DATE _____

COMMENTS \_\_\_\_\_

Check here if attachments