

# ELEVATION CERTIFICATE

**Important:** Follow the instructions on pages 1-9.

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  |  |  |   | FOR INSURANCE COMPANY USE                                  |  |
|---|--|--|---|--|--|
| A1. Building Owner's Name<br><p style="text-align: center;">LGI Homes</p>   |  |  |   | Policy Number:   |  |
| A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br><p style="text-align: center;">1755 Blacktail Lane</p>   |  |  |   | Company NAIC Number:                                       |  |
| City<br><p style="text-align: center;">Woodland</p>   |  | State<br><p style="text-align: center;">Washington</p>               |   | ZIP Code<br><p style="text-align: center;">98674</p>       |  |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)<br><p style="text-align: center;">Lot 4, Meriwether Hilltop Ph 1, Phase 1A (Vol. 14, Pg. 100)</p>  |  |  |   |  |  |
| A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>   |  |  |   |  |  |
| A5. Latitude/Longitude: Lat. <u>45°55'31.92"</u> Long. <u>-122°44'31.92"</u> Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> 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 <u>9</u>  |  |  |   |  |  |
| A8. For a building with a crawlspace or enclosure(s):   |  |  |   |  |  |
| a) Square footage of crawlspace or enclosure(s) <u>1,124</u> sq ft  |  |  |   |  |  |
| b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>2</u>   |  |  |   |  |  |
| c) Total net area of flood openings in A8.b <u>1,124</u> sq in <span style="float: right;"><u>MINIMUM</u></span>  |  |  |   |  |  |
| d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |  |   |  |  |
| A9. For a building with an attached garage:   |  |  |   |  |  |
| a) Square footage of attached garage <u>400</u> sq ft   |  |  |   |  |  |
| b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>2</u>  |  |  |   |  |  |
| c) Total net area of flood openings in A9.b <u>400</u> sq in <span style="float: right;"><u>MINIMUM</u></span>  |  |  |   |  |  |
| d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |  |   |  |  |
| SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION   |  |  |   |  |  |
| B1. NFIP Community Name & Community Number<br><p style="text-align: center;">City of Woodland 530035</p>  |  |  | B2. County Name<br><p style="text-align: center;">Cowlitz</p>                           |  | B3. State<br><p style="text-align: center;">Washington</p>   |
| B4. Map/Panel Number<br><p style="text-align: center;">53015C0886</p>   | B5. Suffix<br><p style="text-align: center;">G</p> | B6. FIRM Index Date<br><p style="text-align: center;">12/16/2016</p> | B7. FIRM Panel Effective/ Revised Date<br><p style="text-align: center;">12/16/2016</p> | B8. Flood Zone(s)<br><p style="text-align: center;">AE</p> | B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)<br><p style="text-align: center;">37.4</p> |
| B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:<br><input checked="" type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____ |  |  |   |  |  |
| B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____  |  |  |   |  |  |
| B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Designation Date: _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA         |  |  |   |  |  |

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expiration Date: November 30, 2018

|  |                     |                   |                                  |  |
|--|---------------------|-------------------|----------------------------------|--|
| <b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>                                    |                     |                   | <b>FOR INSURANCE COMPANY USE</b> |  |
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>1755 Blacktail Lane |                     |                   | Policy Number:                   |  |
| City<br>Woodland   | State<br>Washington | ZIP Code<br>98674 | Company NAIC Number              |  |

## 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: WSDOT/NOAA Vertical Datum: NAVD 1988

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.

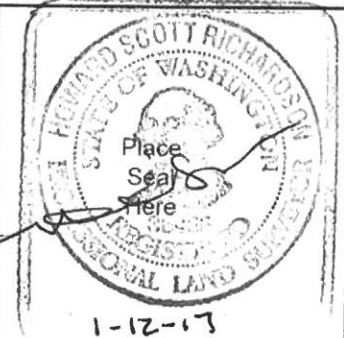

Check the measurement used.

- |   |      |                                     |      |                          |        |
|---|------|-------------------------------------|------|--------------------------|--------|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor)   | 36.9 | <input checked="" type="checkbox"/> | feet | <input type="checkbox"/> | meters |
| b) Top of the next higher floor   | 38.4 | <input checked="" type="checkbox"/> | feet | <input type="checkbox"/> | meters |
| c) Bottom of the lowest horizontal structural member (V Zones only)   | N/A  | <input checked="" type="checkbox"/> | feet | <input type="checkbox"/> | meters |
| d) Attached garage (top of slab)  | N/A  | <input checked="" type="checkbox"/> | feet | <input type="checkbox"/> | meters |
| e) Lowest elevation of machinery or equipment servicing the building<br>(Describe type of equipment and location in Comments) | N/A  | <input checked="" type="checkbox"/> | feet | <input type="checkbox"/> | meters |
| f) Lowest adjacent (finished) grade next to building (LAG)  | 36.7 | <input checked="" type="checkbox"/> | feet | <input type="checkbox"/> | meters |
| g) Highest adjacent (finished) grade next to building (HAG)   | 36.8 | <input checked="" type="checkbox"/> | feet | <input type="checkbox"/> | meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support                                  | N/A  | <input checked="" type="checkbox"/> | feet | <input type="checkbox"/> | 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.

Were latitude and longitude in Section A provided by a licensed land surveyor?  Yes  No  Check here if attachments.

|  |                         |   |
|--|-------------------------|---|
| Certifier's Name<br>Howard S. Richardson   | License Number<br>38485 |  |
| Title<br>PLS   |                         |   |
| Company Name<br>Olson Engineering, Inc.  |                         |   |
| Address<br>222 E. Evergreen Blvd.  |                         |   |
| City<br>Vancouver  | State<br>Washington     |   |
| Signature<br> | Date<br>1-12-17         | Telephone<br>(360) 695-1385   |

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

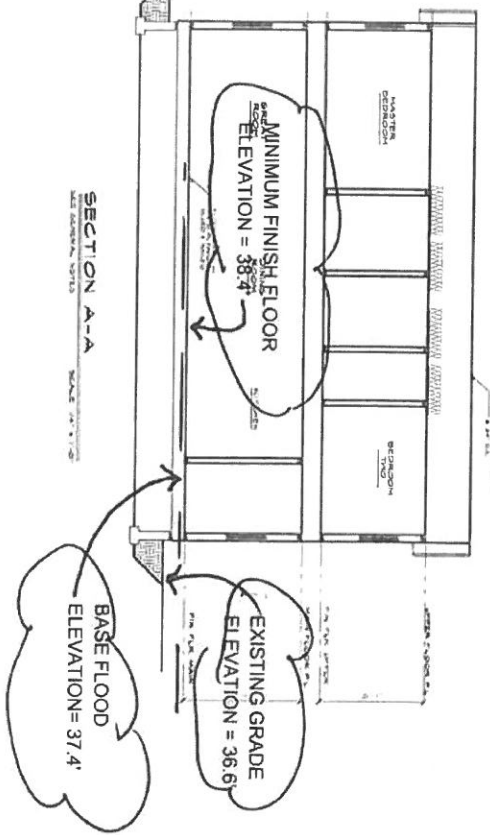
Comments (including type of equipment and location, per C2(e), if applicable)

A5 was taken from GoogleEarth and field verified. C2-elevations were established from bench marks set by fast static GPS observations on WSDOT and NOAA benchmarks and balanced using OPUS. C2f&g are existing grades on site.

THE ENCLOSED AREA OF THE HOUSE TO BE BUILT AT 1755 BLACKTAIL LANE, WOODLAND, WA HAS A CRAWLSPACE AREA OF 1124 SQUARE FEET WHICH REQUIRES A MINIMUM OF 1124 SQUARE INCHES OF VENTING. THE GARAGE AREA IS 400 SQUARE FEET WHICH REQUIRES A MINIMUM OF 400 SQUARE INCHES OF VENTING. THE VENTING MUST BE WITHIN 1' OF WITH THE INSIDE (CRAWSPACE) OR OUTSIDE GRADE AND LOCATED ON A MINIMUM OF 2 FOUNDATION WALLS.

I CERTIFY THAT THE BASE FLOOD ELEVATION AS DERIVED FROM THE FIRM (FLOOD INSURANCE RATE MAP) FOR THE CITY OF WOODLAND (530035) 5301SC0886G BEARING THE DATE OF DECEMBER 16, 2016, ADOPTED BY THE CITY OF WOODLAND UNDER ORDINANCE NO. 1338 IS AN ELEVATION OF 37.4', AND THAT THE FINISH FLOOR ELEVATION ON THESE PLANS AS REQUIRED BY WOODLAND CITY CODE 14.40.050(B)(1)(a) WILL BE 38.4'. THESE ELEVATIONS ARE NAVD 1988 AS SHOWN ON THE PLAT RECORDED UNDER VOLUME 14, AT PAGE 103, RECORDS OF COWLITZ COUNTY, WASHINGTON.

HOWARD S. RICHARDSON  
PLS 38485



LOT 4, MERWETHER HILLTOP PH1A  
1755 BLACKTAIL LANE  
WOODLAND, WA 98674

|  |  |  |  |   |
|--|--|--|--|---|
|  | <p><b>NASH • ASSOCIATES</b><br/>ARCHITECTS</p> <p>8000 11974 AVE NE • BOULDER, WA • 98031<br/>425.828-1117<br/>www.nash-associates.com</p> |  | <p>project:<br/><b>PLAN 2592</b></p> <p><b>PEARL</b></p> <p>DATE: 08-20-16<br/>DRAWN BY: [signature]<br/>CHECKED BY: [signature]</p> | <p>Scale: 1/4" = 1'-0"</p> <p><b>A7</b></p> |
|--|--|--|--|---|

