FEMA

National Flood Insurance Program

ELEVATION CERTIFICATE

AND

INSTRUCTIONS

2015 EDITION
U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

ELEVATION CERTIFICATE AND INSTRUCTIONS

Paperwork Reduction Act Notice

Public reporting burden for this data collection is estimated to average 3.75 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and submitting this form. You are not required to respond to this collection of information unless a valid OMB control number is displayed on this form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, Department of Homeland Security, Federal Emergency Management Agency, 500 C Street SW, Washington, DC 20742, Paperwork Reduction Project (1660-0008). NOTE: Do not send your completed form to this address.

Privacy Act Statement

Authority: Title 44 CFR § 61.7 and 61.8.

Principal Purpose(s): This information is being collected for the primary purpose of estimating the risk premium rates necessary to provide flood insurance for new or substantially improved structures in designated Special Flood Hazard Areas.

Routine Use(s): The information on this form may be disclosed as generally permitted under 5 U.S.C. § 552a(b) of the Privacy Act of 1974, as amended. This includes using this information as necessary and authorized by the routine uses published in DHS/FEMA-003 – National Flood Insurance Program Files System or Records Notice 73 Fed. Reg. 77747 (December 19, 2008); DHS/FEMA/NFIP/LOMA-1 – National Flood Insurance Program (NFIP) Letter of Map Amendment (LOMA) System of Records Notice 71 Fed. Reg. 7990 (February 15, 2006); and upon written request, written consent, by agreement, or as required by law.

Disclosure: The disclosure of information on this form is voluntary; however, failure to provide the information requested may result in the inability to obtain flood insurance through the National Flood Insurance Program or the applicant may be subject to higher premium rates for flood insurance. Information will only be released as permitted by law.

Purpose of the Elevation Certificate

The Elevation Certificate is an important administrative tool of the National Flood Insurance Program (NFIP). It is to be used to provide elevation information necessary to ensure compliance with community floodplain management ordinances, to determine the proper insurance premium rate, and to support a request for a Letter of Map Amendment (LOMA) or Letter of Map Revision based on fill (LOMR-F).

The Elevation Certificate is required in order to properly rate Post-FIRM buildings, which are buildings constructed after publication of the Flood Insurance Rate Map (FIRM), located in flood insurance Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, and AR/AR. The Elevation Certificate is not required for Pre-FIRM buildings unless the building is being rated under the optional Post-FIRM flood insurance rules.

As part of the agreement for making flood insurance available in a community, the NFIP requires the community to adopt floodplain management regulations that specify minimum requirements for reducing flood losses. One such requirement is for the community to obtain the elevation of the lowest floor (including basement) of all new and substantially improved buildings, and maintain a record of such information. The Elevation Certificate provides a way for a community to document compliance with the community's floodplain management ordinance.

Use of this certificate does not provide a waiver of the flood insurance purchase requirement. Only a LOMA or LOMR-F from the Federal Emergency Management Agency (FEMA) can amend the FIRM and remove the Federal mandate for a lending institution to require the purchase of flood insurance. However, the lending institution has the option of requiring flood insurance even if a LOMA/LOMR-F has been issued by FEMA. The Elevation Certificate may be used to support a LOMA or LOMR-F request. Lowest floor and lowest adjacent grade elevations certified by a surveyor or engineer will be required if the certificate is used to support a LOMA or LOMR-F request. A LOMA or LOMR-F request must be submitted with either a completed FEMA MT-EZ or MT-1 package, whichever is appropriate.

This certificate is used only to certify building elevations. A separate certificate is required for floodproofing. Under the NFIP, non-residential buildings can be floodproofed up to or above the Base Flood Elevation (BFE). A floodproofed building is a building that has been designed and constructed to be watertight (substantially impermeable to floodwaters) below the BFE. Floodproofing of residential buildings is not permitted under the NFIP unless FEMA has granted the community an exception for residential floodproofed basements. The community must adopt standards for design and construction of floodproofed basements before FEMA will grant a basement exception. For both floodproofed non-residential buildings and residential floodproofed basements in communities that have been granted an exception by FEMA, a floodproofing certificate is required.


FEMA Form 086-0-33 (Revised 7/15) Replaces all previous editions.
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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A1. Building Owner's Name: <strong>HONG HYUN LEE</strong></td>
<td>Policy Number:</td>
</tr>
<tr>
<td>A2. Building Street Address (Including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: <strong>1238 1/2 S. Muirfield Rd.</strong></td>
<td>Company NAIC Number:</td>
</tr>
<tr>
<td>City</td>
<td>State</td>
</tr>
<tr>
<td><strong>Los Angeles</strong></td>
<td><strong>CA</strong></td>
</tr>
<tr>
<td>A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.): <strong>TR 4139</strong>, APN# <strong>5063-013-021</strong></td>
<td></td>
</tr>
<tr>
<td>A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.): <strong>RESIDENTIAL</strong></td>
<td></td>
</tr>
<tr>
<td>A5. Latitude/Longitude: Lat. <strong>N 34°00'10&quot;</strong> Long. <strong>E 118°01'00&quot;</strong></td>
<td>Horizontal Datum: <strong>NAD 1927</strong></td>
</tr>
<tr>
<td>A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.</td>
<td><strong>SEE ATTACHED PHOTOS</strong></td>
</tr>
<tr>
<td>A7. Building Diagram Number</td>
<td><strong>SEE THE ATTACHED DIAGRAM#8</strong></td>
</tr>
<tr>
<td>A8. For a building with a crawlspace or enclosure(s):</td>
<td></td>
</tr>
<tr>
<td>a) Square footage of crawlspace or enclosure(s): <strong>690 sq ft</strong></td>
<td></td>
</tr>
<tr>
<td>b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade</td>
<td><strong>6</strong></td>
</tr>
<tr>
<td>c) Total net area of flood openings in A8.b</td>
<td><strong>74</strong> sq in</td>
</tr>
<tr>
<td>d) Engineered flood openings?</td>
<td><strong>Yes</strong></td>
</tr>
<tr>
<td>A9. For a building with an attached garage:</td>
<td><strong>N/A</strong></td>
</tr>
<tr>
<td>a) Square footage of attached garage</td>
<td><strong>sq ft</strong></td>
</tr>
<tr>
<td>b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade</td>
<td><strong>N/A</strong></td>
</tr>
<tr>
<td>c) Total net area of flood openings in A9.b</td>
<td><strong>sq in</strong></td>
</tr>
<tr>
<td>d) Engineered flood openings?</td>
<td><strong>Yes</strong></td>
</tr>
</tbody>
</table>

### SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>B1. NFIP Community Name &amp; Community Number: <strong>Los Angeles, City of, 060139</strong></td>
<td>B2. County Name: <strong>Los Angeles</strong></td>
</tr>
<tr>
<td>B3. State</td>
<td><strong>CA</strong></td>
</tr>
<tr>
<td>B4. Map/Panel Number</td>
<td><strong>060139 611</strong></td>
</tr>
<tr>
<td>B5. Suffix</td>
<td><strong>G</strong></td>
</tr>
<tr>
<td>B6. FIRM Index Date</td>
<td><strong>12/21/2018</strong></td>
</tr>
<tr>
<td>B7. FIRM Panel Effective/Revised Date</td>
<td><strong>12/21/2018</strong></td>
</tr>
<tr>
<td>B8. Flood Zone(s): <strong>A0</strong></td>
<td>B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth): <strong>2 Feet</strong></td>
</tr>
</tbody>
</table>

**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 B8:
- **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: **N/A**
- **CBRS**
- **OPA**
ELEVATION CERTIFICATE

IMPORTANT: In these spaces, copy the corresponding information from Section A.

FOR INSURANCE COMPANY USE

Policy Number:

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.

   Complete items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: 12 NO. 12 - 13750 Vertical Datum: NAVD 98

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) 145.50 7 feet 0 meters
b) Top of the next higher floor 148.82 7 feet 0 meters
c) Bottom of the lowest horizontal structural member (V Zones only) N/A N/A N/A N/A

d) Attached garage (top of slab) N/A N/A N/A N/A

e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location) 152 7 feet 0 meters
f) Lowest adjacent (finished) grade next to building (LAG) 145.06 7 feet 0 meters
g) Highest adjacent (finished) grade next to building (HAG) 145.83 7 feet 0 meters
h) Lowest adjacent grade at lowest elevation of deck or story including structural support 145 53 7 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.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☑ Yes ☐ No

Certifier's Name

Geunwoo Yun C 2-8033

Title

Architect

Company Name

URD

Address

10940 Odell Ave.

City

Sunland

State

CA

ZIP Code

91040

Signature

Geunwoo

Date

11-21-2019

Telephone

310-301-9521

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

Tankless water heater on the wall, north side of the building.

See ATTACHED 4 & 5

FEMA Form 086-0-33 (7/15)

Replaces all previous editions.

Form Page 2 of 6
ELEVATION CERTIFICATE

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
   b) Top of bottom floor (including basement, crawlspace, or enclosure) is

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is

E3. Attached garage (top of slab) is

E4. Top of platform of machinery and/or equipment servicing the building is

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 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
Geunnwoo Yum/Architect

Address
10940 Odell Ave, Sunland CA 91040

Signature

Date
11-21-2019

Telephone
310-381-9527

Comments
A8-d: Flood openings/vent on concrete foundation
See attached photos 4, 6, 7, 8, 9

☐ Check here if attachments.
ELEVATION CERTIFICATE

| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. | 338 1/2 S. Mulholland Rd. |
| City | Los Angeles |
| State | CA |
| ZIP Code | 90019 |

FOR INSURANCE COMPANY USE

| Company NAIC Number | Company Number |

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.

| Permit Number | 170/6-10000-04576 |
| Date Permit Issued | 11–13–2018 |
| 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: 145.50 feet Datum NAVD 1988

G9. BFE or (in Zone AO) depth of flooding at the building site: 147.82 feet Datum NAVD 1988

G10. Community’s design flood elevation: 148.82 feet Datum NAVD 1988

Local Official’s Name: Bryan Gauthier
Title: Civil Engineering Associate I
Community Name: City of Los Angeles
Telephone: 213-847-2149
Signature: [Signature]
Date: 12/23/2019

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

Tankless water heater on the wall, north side of the building. See Attached 4 & 5

☐ Check here if attachments.
# BUILDING PHOTOGRAPHS

See Instructions for Item A6.

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>City</td>
<td>State</td>
<td>ZIP Code</td>
</tr>
<tr>
<td>---</td>
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</tr>
</tbody>
</table>

**IMPORTANT:** In these spaces, copy the corresponding information from Section A.

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.

### Photo One

![Photo One](Image)

### Photo One Caption

See the attached PHOTOS 06/18/09

### Clear Photo One

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### Photo Two

![Photo Two](Image)

### Photo Two Caption

See the attached PHOTOS 06/18/09

### Clear Photo Two

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ELEVATION CERTIFICATE

Building Street Address (Including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 1238 S, Muirfield Rd.

City: Los Angeles, State: CA, ZIP Code: 90019

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. 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.

Photo Three

Photo Three Caption

See the attached photos

Photo Four

Photo Four Caption

See the attached photos

FEMA Form 088-0-33 (7/15) Replaces all previous editions.
Building Diagrams

**Diagram 7**
All buildings elevated on full-story foundation walls with a partially or fully enclosed area below the elevated floor. This includes walkout levels, where at least 1 side is at or above grade. The principal use of this building is located in the elevated floors of the building.

Distinguishing Feature – For all zones, the area below the elevated floor is enclosed, either partially or fully. In A Zones, the partially or fully enclosed area below the elevated floor is with or without openings present in the walls of the enclosure. Indicate information about enclosure size and openings in Section A – Property Information.

**Diagram 8**
All buildings elevated on a crawlspace with the floor of the crawlspace at or above grade on at least 1 side, with or without an attached garage.

Distinguishing Feature – For all zones, the area below the first floor is enclosed by solid or partial perimeter walls. In all A Zones, the crawlspace is with or without openings present in the walls of the crawlspace. Indicate information about crawlspace size and openings in Section A – Property Information.

**Diagram 9**
All buildings (other than split-level) elevated on a sub-grade crawlspace, with or without attached garage.

Distinguishing Feature – The bottom (crawlspace) floor is below ground level (grade) on all sides.* (If the distance from the crawlspace floor to the top of the next higher floor is more than 5 feet, or the crawlspace floor is more than 2 feet below the grade [LAF] on all sides, use Diagram 2A or 2B.)

---

* A floor that is below ground level (grade) on all sides is considered a basement even if the floor is used for living purposes, or as an office, garage, workshop, etc.

** An "opening" is a permanent opening that allows for the free passage of water automatically in both directions without human intervention. Under the NFIP, a minimum of 2 openings is required for enclosures or crawlspace. The openings shall provide a total net area of not less than 1 square inch for every square foot of area enclosed, excluding any bars, louver, or other covers of the opening. Alternatively, an Individual Engineered Flood Openings Certification or an Evaluation Report issued by the International Code Council Evaluation Service (ICC ES) must be submitted to document that the design of the openings will allow for the automatic equalization of hydrostatic flood forces on exterior walls. A window, a door, or a garage door is not considered an opening; openings may be installed in doors. Openings shall be on at least 2 sides of the enclosed area. If a building has more than 1 enclosed area, each area must have openings to allow floodwater to directly enter. The bottom of the openings must be no higher than 1.0 foot above the higher of the exterior or interior grade or floor immediately below the opening. For more guidance on openings, see NFIP Technical Bulletin 1.

NFIP Elevation Certificate Instructions – Page 9 of 9
OCTOBER 28, 2019

BUILDING INSPECTOR
LOS ANGELES DEPARTMENT OF BUILDING AND SAFETY
201 N. FIGUEROA STREET
LOS ANGELES, CA 90012

SUBJECT: BUILDING FINISHED FLOOR CERTIFICATION
1238 S. MUIRFIELD ROAD
LOS ANGELES, CA 90019
APN: 5038-013-021

TO WHOM IT MAY CONCERN:

PLEASE BE INFORMED THAT A FIELD SURVEY WAS PERFORMED ON MARCH 19, 2019 ON THE
ABOVE-REFERENCED ADDRESS AT THE REQUEST OF MR. GEUNWOO YUN AND THE RESULTS
ARE THE FOLLOWING:

ELEVATION FINISHED FLOOR
(FLOOR COVERING MATERIAL NOT IN PLACE
AT THE TIME OF SURVEY)

MEASURED 148.65 FEET

PLAN N/A

BASIS OF ELEVATIONS: TOP OF CURB AS SHOWN ON A TOPOGRAPHIC SURVEY PREPARED BY OUR
OFFICE (EL. 145.20').

PREPARED BY:

10/28/19

SAM A. SOLIVEN
P.L.S. 8269

LICENSED LAND SURVEYOR
STATE OF CALIFORNIA
No. 8269