ELEVATION CERTIFICATE

SECTION A – PROPERTY INFORMATION

A1. Building Owner's Name:

A2. Building Street Address (including Apt., Unit, Suite, and/or Block No.) or RD, Route and Box No.:

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.):

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

A5. Latitude/Longitude:

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number:

A8. For a building with a crawlspace or enclosure(s):
   a) Square footage of crawlspace or enclosure(s):
   b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade
   c) Total net area of flood openings in A8.a
   d) Engineered flood openings?: Yes No

A9. For a building with an attached garage:
   a) Square footage of attached garage
   b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade
   c) Total net area of flood openings in A9.b
   d) Engineered flood openings?: Yes No

SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number:

B2. County Name:

B3. State:

B4. Map/Panel Number:

B5. Suffix:

B6. FIRM Index Date:

B7. FIRM Panel Effective/Revised Date:

B8. Flood Zone(s):

B9. Base Flood Elevation(s) (Zone AO, use base flood depth):

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:

B11. Indicate elevation datum used for BFE in Item B9:

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?

SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on:

   a) Construction Drawings*
   b) Building Under Construction*
   c) Finished Construction

   *A new Elevation Certificate will be required when construction of the building is complete.


   Benchmark Utilized:

   Vertical Datum:

   Datums 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):
   b) Top of the next higher floor
   c) Bottom of the lowest horizontal structural member (V Zones only)
   d) Attached garage (top of slab)
   e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)
   f) Lowest adjacent (finished) grade next to building (LAG)
   g) Highest adjacent (finished) grade next to building (HAG)
   h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support

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:

Check if attached:

Certifier's Name:

Company Name:

Address:

City:

State:

ZIP Code:

Signature:

Date:

Telephone:

License Number:

State:

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

THE 300 # TUFF SHE 3'S FLOOR ELEVATION IS 959.74 FEET ON A RIDGE ABOVE A CREEK. THE TUFF SHE 3 HAS AN 
AC UNIT WITH A CONDENSER ON THE EAST SIDE.

Signature

Date 7-14-15

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 N/A ________ feet ________ yards ________ above or ________ below the HAG.

   b) Top of bottom floor (including basement, crawlspace, or enclosure) is N/A ________ feet ________ yards ________ above or ________ below the LAG.

E2. For Building Diagrams 6–9 with permanent floor openings provided in Section A Items 8 and/or 9 (see pages 8–9 of instructions), the next higher floor (elevation C.2.b in the diagrams) of the building is N/A ________ feet ________ yards ________ above or ________ below the HAG.

E3. Attached garage (top of slab) is N/A ________ feet ________ yards ________ above or ________ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is N/A ________ feet ________ yards ________ 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 or Owner's Authorized Representative's Name

Address

Signature

Comments

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

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 0860-33 (Revised 7/12) Replaces all previous editions.
ELEVATION CERTIFICATE, page 3

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

| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or RO, Route and Box No. | FOR INSURANCE COMPANY USE |
| City | State | ZIP Code |
| Topanga | CA | 90290 |

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.
Building Photographs

Continuation Page

<table>
<thead>
<tr>
<th>IMPORTANT: in these spaces, copy the corresponding information from Section A.</th>
<th>FOR INSURANCE COMPANY USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building Street Address (including Apt., Unit, Suite, and/or Block No.) or PO Route and Box No.</td>
<td>Policy Number:</td>
</tr>
<tr>
<td>20845 Cheney Drive</td>
<td></td>
</tr>
<tr>
<td>City: Topanga, CA</td>
<td>ZIP Code: 90290</td>
</tr>
<tr>
<td>State: CA</td>
<td></td>
</tr>
</tbody>
</table>

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.

![Building Photograph]

7-24-15  LEFT SIDE
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.
October 28, 2014

John Guillermín
20845 Cheney Dr.
Topanga, Ca. 90290

SUBJECT: Base Flood Analysis for a “Tuff Shed”, 20845 Cheney Drive, Topanga, California, 90290.


FEMA Flood Map 06034C1552F, located in the vicinity of the Subject Property.

Los Angeles County GIS map, 20845 Cheney Drive, Topanga, California, 90290.

Base Flood Elevation Analysis and Interpolation Calculation, prepared by GeoWorks Engineering Group, Inc.

Gentlemen:

As requested I have performed a site observation and walk through of the above reference existing “Tuff Shed”. In addition I have reviewed the referenced Structural Plan Set, FEMA Flood Map, and Los Angeles County GIS map.

BASE FLOOD ELEVATION ANALYSIS

The Base Flood Elevation Parameters: The Base Flood Elevation parameters were obtained from the referenced FEMA Flood Map. The Subject Site is located between two mapped base flood elevations located in the Santa Maria Canyon. The upstream base flood elevation is delineated as 973 feet and the downstream base flood elevation is delineated as 932 feet. The FEMA Flood Map was assigned a scale of one inch equals one unit.

BASE FLOOD ELEVATION CALCULATION

A Base Flood Elevation calculation was performed utilizing an Interpolation Equation to determine the approximate Base Flood Elevation between the documented upstream base
flood elevation and the downstream base flood elevation. The approximate base flood elevation at the subject site was calculated to be 937 feet as shown on the referenced calculation.

BASE FLOOD ELEVATION MAPPING

Utilizing the referenced GIS map and the calculated base flood elevation at the subject site the approximate limits of the base flood being an elevation of 937 feet was mapped along with the Finish Floor of the “Tuff Shed” being an elevation of 952 feet.

SUMMARY

The above itemized Base Flood calculations and mapping indicate that the Tuff Shed is approximately 15 feet above the base flood elevation. This is well over the required one foot requirement.

Based on the above discussion, calculations, and mapping, it is the opinion of this office that development of the “Tuff Shed” on the subject property as shown on the referenced Structural Plan Set is well above one foot above the base flood elevation and would not result in an adverse impact to the “Tuff Shed”.

Should you have any questions, please don’t hesitate to call

Respectfully submitted,

Justin D. Holt, P.E. 71452
Principal Engineer
INTERPOLATION CALCULATION

ELEVATION 1(Y1) = 973 ft.
ELEVATION 2(Y2) = 932 ft.
LENGTH 1(X1) = 0 units
LENGTH 2(X2) = 6.5 units
LENGTH 3(X2) = 5.7 units

ELEVATION 3(Y3) = \[(Y1-Y2)/(X2-X1)*X3]+Y1= 937 ft.