

# ELEVATION CERTIFICATE

IMPORTANT: Follow the instructions on pages 1-9.

H.R.  
7/24/14  
EPE

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. <b>3756 E. Pondera Pl.</b>	Company NAIC Number:
City <b>Sahuarita</b> State <b>AZ</b> ZIP Code <b>85629</b>	

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)  
**Tax Code 303-54-0530 Township 17 Range 14 Section 28 Sahuarita Highlands Lot 29**

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

A5. Latitude/Longitude: Lat. **31.917468** Long. **-110.912679** 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 **1B**

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

A9. For a building with an attached garage:  
 a) Square footage of attached garage **+625** sq ft  
 b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade **N/A**  
 c) Total net area of flood openings in A9.b **N/A** sq in  
 d) Engineered flood openings?  Yes  No

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

R1. NFIP Community Name & Community Number <b>Pima County / 040073</b>		B2. County Name <b>Pima County</b>		B3. State <b>AZ</b>	
B4. Map/Panel Number <b>04019C 3470</b>	B5. Suffix <b>L</b>	B6. FIRM Index Date <b>9-28-12</b>	B7. FIRM Panel Effective/ Revised Date <b>6-16-11</b>	B8. Flood Zone(s) <b>X</b>	B9. Base Flood Elevation(s) (Zone A0, use base flood depth) <b>102.0</b>

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:  
 RS Profile  FIRM  Community Determined  Other/Source: **Plat Note**

B11. Indicate elevation datum used for BFE in Item B9:  NGVD 1929  NAVD 1988  Other/Source: **Highest Adj. Nat. Grade (=100 ft)**

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?  Yes  No  
 Designation Date: **N/A** / **N/A** / **N/A**  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: **NGS STATION RITA 1935** Vertical Datum: **NAVD 88 EL = 2871.61**

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)	<u>2869</u> . <u>21</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	<u>2880</u> . <u>41</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>N/A</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab)	<u>2869</u> . <u>20</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>2869</u> . <u>30</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>2868</u> . <u>12</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>2868</u> . <u>45</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>N/A</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters

When B.9 is a depth above grade, it is required to indicate highest and lowest NATURAL grade in Section D Comments

## 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 <b>MICHAEL AMERSON</b>		License Number <b>AZ PLS 22245</b>	
Title <b>PRESIDENT</b>	Company Name <b>AMERSON SURVEYING, INC.</b>		
Address <b>4552 E. CAMP LOWELL DR.</b>	City <b>TUCSON</b>	State <b>AZ</b>	ZIP Code <b>85712</b>
Signature <i>Michael Amerson</i>	Date <b>7-21-14</b>	Telephone <b>520-325-5883</b>	



ELEVATION CERTIFICATE, page 2

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			FOR INSURANCE COMPANY USE	
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>3756 E. Pondera Pl.</b>			Policy Number:	
City <b>Sahuarita</b>	State <b>AZ</b>	ZIP Code <b>85629</b>	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 **The lowest service equipment (C3.e) is the AC and the WH & Elec. Panel is/are above this elevation.**

Highest adjacent natural grade is **2866.18** Lowest adjacent natural grade is **2865.21**

Signature *Michael Amerson* Date **7-21-14**

**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 **N/A**  feet  meters  above or  below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is **N/A**  feet  meters  above or  below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 5 and 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is **N/A**  feet  meters  above or  below the HAG.
- E3. Attached garage (top of slab) is **N/A**  feet  meters  above or  below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is **N/A**  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 or Owner's Authorized Representative's Name **N/A**

Address **N/A** City **N/A** State **N/A** ZIP Code **N/A**

Signature **N/A** Date **N/A** Telephone **N/A**

Comments **N/A**

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–G9) is provided for community floodplain management purposes.

G4. Permit Number <b>14-089E</b>	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 **Per Michael Amerson, Surveyor, as conveyed by phone conversation C2g is 2868.7ft Sect. 7/24/14 EPE**

Check here if attachments.

**BUILDING PHOTOGRAPHS**

See Instructions for Item A6.

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>		FOR INSURANCE COMPANY USE
Building Street Address (Including Apt., Unit, Suite, and/or Bldg. No.) or R.O. Route and Box No. <b>3756 E. Pondera Pl.</b>		Policy Number:
City <b>Sahuarita</b>	State <b>AZ</b>	ZIP Code <b>85629</b>
		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.

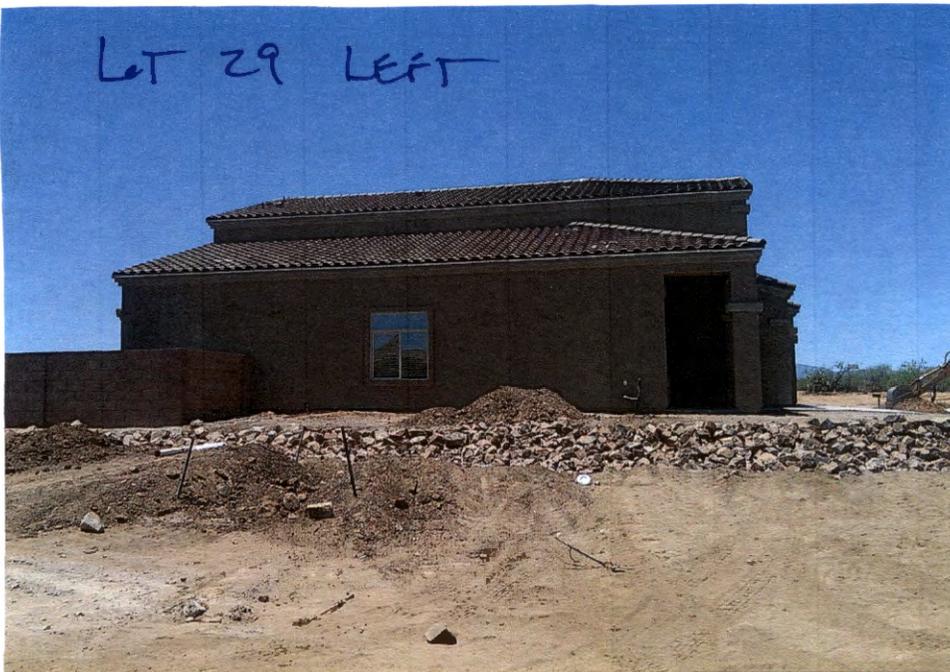


**BUILDING PHOTOGRAPHS**

See Instructions for Item A6.

<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 R.O. Route and Box No. <b>3756 E. Pondera Pl.</b>			Policy Number:	
City <b>Sahuarita</b>	State <b>AZ</b>	ZIP Code <b>85629</b>	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.



## Edward Eastburn

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**From:** Michael Amerson <michael@amersonsurveying.com>  
**Sent:** Thursday, July 24, 2014 3:42 PM  
**To:** Edward Eastburn  
**Cc:** cwscalf@drhorton.com  
**Subject:** ASI # 06058 Sahuarita Highlands Lot 29 Final FEMA Revised certification  
**Attachments:** 06058 Sahuarita Highlands Lot 29 Revised HAG 2868.70.pdf

Edward,

Here is a copy of the first sheet for the FEMA Certification showing the revised elevation on (C2. g)

They added dirt to the pad and today we shot an elevation of a 2868.70.

I give you the authorization to change the elevation from 2868.45 to a 2868.70 and initial MA.

Thank You,

Michael Amerson, PLS



4552 E CAMP LOWELL DRIVE  
TUCSON, ARIZONA 85712  
520-325-5883 OFFICE  
520-325-8703 FAX  
520-631-2087 CELL

# ELEVATION CERTIFICATE

IMPORTANT: Follow 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 R.O. Route and Box No. 3756 E. Pondera Pl.	Company NAIC Number:
City <b>Sahuarita</b> State <b>AZ</b> ZIP Code <b>85629</b>	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Tax Code <b>303-54-0530</b> Township <b>17</b> Range <b>14</b> Section <b>28</b> Sahuarita Highlands Lot 29	
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <b>Residential: Single Family Residence</b>	
A5. Latitude/Longitude: Lat. <b>31.917468</b> Long. <b>-110.912679</b> 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 <b>1B</b>	
A8. For a building with a crawlspace or enclosure(s): a) Square footage of crawlspace or enclosure(s) <b>N/A</b> sq ft b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <b>N/A</b> c) Total net area of flood openings in A8.b <b>N/A</b> sq in 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 <b>+625</b> sq ft b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <b>N/A</b> c) Total net area of flood openings in A9.b <b>N/A</b> sq in 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 <b>Pima County / 040073</b>			B2. County Name <b>Pima County</b>		B3. State <b>AZ</b>
B4. Map/Panel Number <b>04019C 3470</b>	B5. Suffix <b>L</b>	B6. FIRM Index Date <b>9-28-12</b>	B7. FIRM Panel Effective/ Revised Date <b>6-16-11</b>	B8. Flood Zone(s) <b>X</b>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <b>102.0</b>
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input checked="" type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: <b>Plat Note</b>					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input checked="" type="checkbox"/> Other/Source: <b>Highest Adj. Nat. Grade (=100 ft)</b>					
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 Designation Date: <b>N/A</b> / <b>N/A</b> / <b>N/A</b> <input type="checkbox"/> CBRS <input type="checkbox"/> 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: **NGS STATION RITA 1935** Vertical Datum: **NAVD 88** **EL = 2871.61**

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)	<b>2869.21</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	<b>2880.41</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<b>N/A</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab)	<b>2869.20</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<b>2869.38</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<b>2868.12</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<b>MA 2868.4570</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<b>N/A</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters

When B9 is a depth above grade, it is required to indicate highest and lowest NATURAL grade in Section D Comments

## 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 <b>MICHAEL AMERSON</b>		License Number <b>AZ PLS 22245</b>	
Title <b>PRESIDENT</b>	Company Name <b>AMERSON SURVEYING, INC.</b>		
Address <b>4557 E. CAMP LOWELL DR.</b>	City <b>TUCSON</b>	State <b>AZ</b>	ZIP Code <b>85712</b>
Signature <b>Michael Amerson</b>	Date <b>7-21-14</b>	Telephone <b>520-325-5863</b>	

