

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008
Expires March 31, 2012

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name Geoffrey and Karen Greenwell		For Insurance Company Use:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 15945 W. Ravinia Ave.		Policy Number	
City Tucson	State AZ	Company NAIC Number	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Tax Code 301-69-140A Township 17S Range 10E Section 03		ZIP Code 85736	
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Addition to Non-Conforming Use			
A5. Latitude/Longitude: Lat. 31.984572 Long. -111.301959		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 1A			
A8. For a building with a crawlspace or enclosure(s):		A9. For a building with an attached garage:	
a) Square footage of crawlspace or enclosure(s) N/A sq ft		a) Square footage of attached garage 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		b) No. 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 A8.b N/A sq in		c) Total net area of flood openings in A9.b N/A sq in	
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		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 Pima County / 040073		B2. County Name Pima County		B3. State AZ	
B4. Map/Panel Number 04019C 3350	B5. Suffix K	B6. FIRM Index Date 2/8/99	B7. FIRM Panel Effective/Revised Date 2/8/99	B8. Flood Zone(s) X	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 0.5
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 (Describe)					
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 (Describe) Highest Adjacent Natural Grade					
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 N/A <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. Use the same datum as the BFE.

Benchmark Utilized **LOCAL** Vertical Datum **LOCAL**

Conversion/Comments **EXISTING FFE = 100.00**

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	100.00 <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	N/A <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	N/A <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	N/A <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	100.13 <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade next to building (LAG)	99.03 <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG)	99.28 <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	Addition to <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)

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

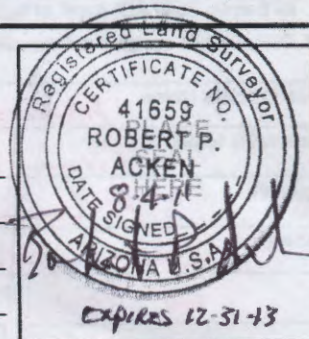
SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

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

Certifier's Name ROBERT P. ACKEN		License Number AZ 41659 RLS	
Title OWNER	Company Name RACKEN Survey CONSULTANTS		
Address 37871 S. DODGE CANYON	City TUCSON	State AZ	ZIP Code 85739
Signature Robert P. Acken	Date 8-4-11	Telephone 520-825-2011	



IMPORTANT: In these spaces, copy the corresponding information from Section A.Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
15945 W. Ravinia Ave.City
TucsonState
AZZIP Code
85736

For Insurance Company Use:

Policy Number

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 (C2.e) is the A/C UNIT and the A/C UNIT ☒ are above this elevation.Elevation of Existing Structure 100.00 Highest adjacent natural grade is 99.28 Lowest adjacent natural grade is 99.03NEW A/C ON ROOF, NEW H/W HEATER = FFE + 1.5' (101.5')EXISTING ELEG. PANEL = FFE + 2.79Signature Robert P. A/LDate 8-4-11☒ Check here if attachments PHOTOS**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 8 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'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. Check the measurement used in Items G8 and G9.

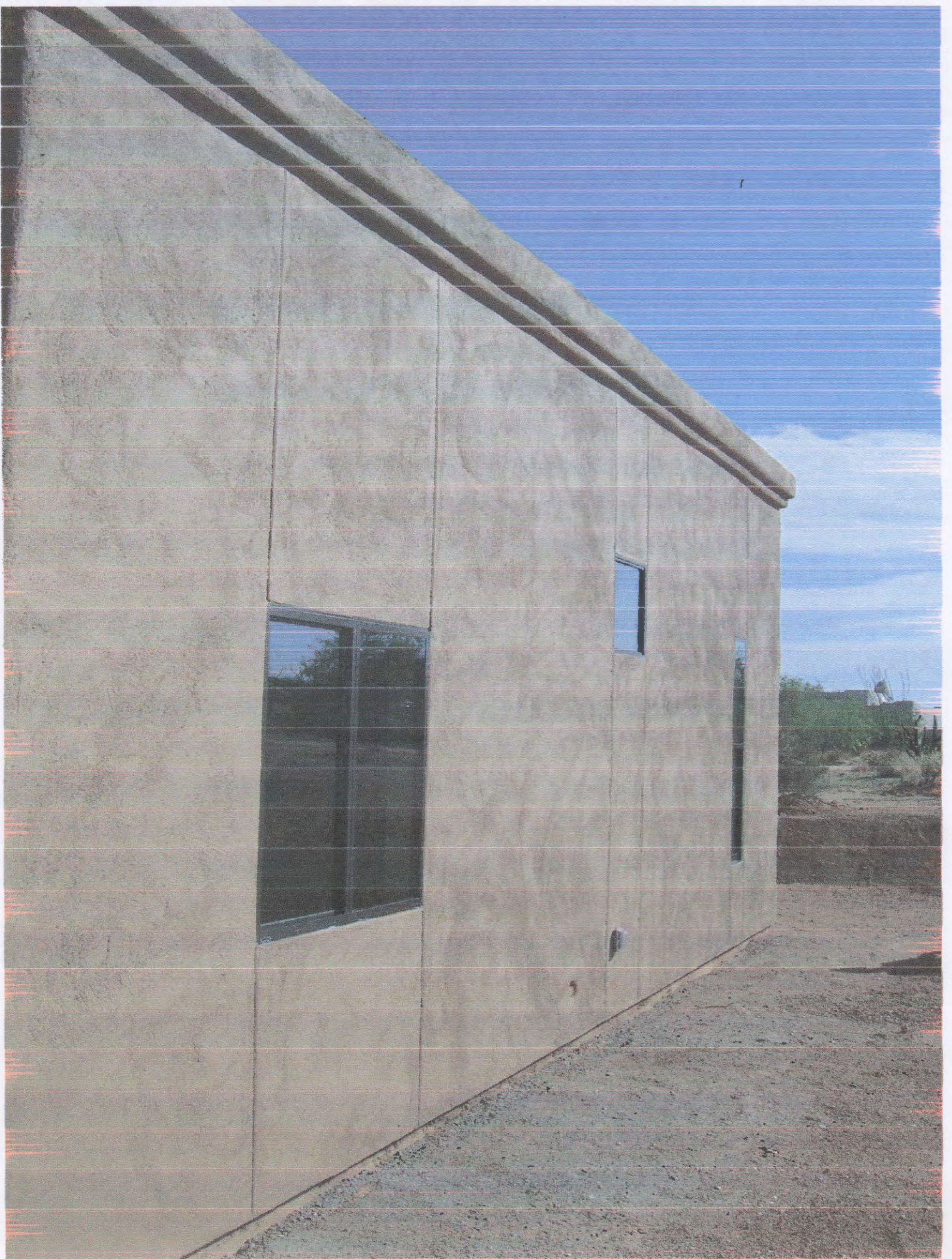
G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)G2. ☐ A community 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
FPUP# 11-041EG5. Date Permit Issued
8-5-11

G6. Date Certificate Of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial ImprovementG8. Elevation of as-built lowest floor (including basement) of the building ☐ feet ☐ meters (PR) Datum G9. BFE or (in Zone AO) depth of flooding at the building site ☐ feet ☐ meters (PR) Datum G10. Community's design flood elevation ☐ feet ☐ meters (PR) Datum Local Official's Name Francisco RamirezTitle CFMCommunity Name Pima County RFCDTelephone (520) 243-1800Signature F. RamirezDate 8/16/11Comments Lowest service equipment identified in C2.e) is existing A/C for SFR.☐ Check here if attachments



South side



EAST side



NORTH Side

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008
Expires March 31, 2012

SECTION A - PROPERTY INFORMATION		For Insurance Company Use:
A1. Building Owner's Name Geoffrey and Karen Greenwell		Policy Number
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 15945 W. Ravinia Ave.		Company NAIC Number
City Tucson	State AZ	ZIP Code 85736
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Tax Code 301-69-140A Township 17S Range 10E Section 3		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential: Single Family Residence		
A5. Latitude/Longitude: Lat. 31.984572 Long. -111.301959		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 1A		
A8. For a building with a crawlspace or enclosure(s):		A9. For a building with an attached garage:
a) Square footage of crawlspace or enclosure(s) NONE sq ft		a) Square footage of attached garage 400 sq ft
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade N/A		b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0
c) Total net area of flood openings in A8.b N/A sq in		c) Total net area of flood openings in A9.b 0 sq in
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		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 Pima County / 040073		B2. County Name Pima County		B3. State AZ	
B4. Map/Panel Number 04019C 3350	B5. Suffix K	B6. FIRM Index Date 2/8/99	B7. FIRM Panel Effective/Revised Date 2/8/99	B8. Flood Zone(s) X	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 0.5
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 (Describe)					
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 (Describe) Highest Adjacent Natural Grade					
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 N/A <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. Use the same datum as the BFE.
Benchmark Utilized **LOCAL** Vertical Datum **LOCAL**
Conversion/Comments **FFE = 100.00**

	Check the measurement used.
a) Top of bottom floor (including basement, crawlspace, or enclosure floor) 100.00 <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor NONE <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only) N/A <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab) 99.28 <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) 100.13 <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade next to building (LAG) 99.03 <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG) 99.28 <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
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 (Puerto Rico only)

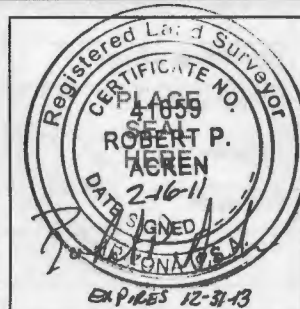
When B.9 is a depth above grade, it is required to indicate highest and lowest NATURAL grade in Section D Comments

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

Certifier's Name ROBERT P. ACKEN	License Number AZ 41659 RLS
Title OWNER	Company Name RACKEN SURVEY CONSULTANTS
Address 39871 S. DODGE CANYON	City TUCSON State AZ ZIP Code 85739
Signature Robert P. Acken	Date 2-16-11 Telephone 520-825-2011



IMPORTANT: In these spaces, copy the corresponding information from Section A.			For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 15945 W. Ravinia Ave.			Policy Number
City Tucson	State AZ	ZIP Code 85736	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 (C2.e) is the A/C and the H.W. UNIT (is/are) above this elevation.
 Highest adjacent natural grade is 99.28 Lowest adjacent natural grade is 99.03
H.W. UNIT = HOT WATER HEATER

Signature Robert P. Ash Date 2-16-11 ☒ PHOTOS Check here if attachments

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 6 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's or Owner's Authorized Representative's Name

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 and G9.

- 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 FPUP# 11-041E	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 ImprovementG8. Elevation of as-built lowest floor (including basement) of the building ☐ feet ☐ meters (PR) Datum G9. BFE or (in Zone AO) depth of flooding at the building site ☐ feet ☐ meters (PR) Datum G10. Community's design flood elevation ☐ feet ☐ meters (PR) Datum Local Official's Name Title Community Name Telephone Signature Date Comments ☐ Check here if attachments









