

FPUP# 15FC00352E

DSD# P15BP05898

U.S. DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
National Flood Insurance Program

ELEVATION CERTIFICATE

IMPORTANT: Follow the instructions on pages 1-9.

OMB No. 1660-0008
Expiration Date: July 31, 2015

16 OCT 31 PM 12:01

SECTION A - PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

A1. Building Owner's Name **Charles & Paige Murdock**

Policy Number:

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or PO. Route and Box No.
14796 South Bay Mare Drive

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 301-69-055A Township 17 Range 10 Section 03 DIAMOND BELL RANCH TUCSON Un 11 LOTS 55 & 56

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

A5. Latitude/Longitude: Lat. **32.982839** Long. **-111.306398** 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 **567.4** 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

B1. NFIP Community Name & Community Number

Pima County / 040073

B2. County Name **Pima County**

B3. State **AZ**

B4. Map/Panel Number **04019C 3400**

B5. Suffix **L**

B6. FIRM Index Date **9/28/12**

B7. FIRM Panel Effective/Revised Date **6/16/11**

B8. Flood Zone(s) **X**

B9. Base Flood Elevation(s) (Zone AO, use base flood depth) **100.5**

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 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** / _____ 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: **H.A.N.G. = 100.00 Feet** Vertical Datum: **N/A**

Indicate elevation datum used for the elevations in items a) through h) below. NGVD 1929 NAVD 1988 Other/Source: **H.A.N.G.=100'**

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) **102.22** Check the measurement used.

feet meters

b) Top of the next higher floor **N/A** feet meters

c) Bottom of the lowest horizontal structural member (V Zones only) **N/A** feet meters

d) Attached garage (top of slab) **101.50** feet meters

e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) **102.11** feet meters

f) Lowest adjacent (finished) grade next to building (LAG) **97.99** feet meters

g) Highest adjacent (finished) grade next to building (HAG) **100.00** feet meters

h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support **N/A** feet 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

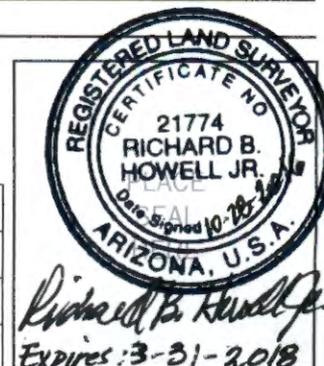
This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable 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 Richard B. Howell Jr.		License Number RLS 21774	
Title Survey Field Manager		Company Name Ashby Surveying and Drafting Inc.	
Address 717 N. Swan Road		City Tucson	State AZ.
Signature <i>Richard B. Howell Jr.</i>		ZIP Code 85711	Telephone 520-325-1991
Date 10-28-2016		Telephone 520-325-1991	



ELEVATION CERTIFICATE, page 2

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. 14796 South Bay Mare Drive		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 heat and cool units(See Attached Comments) and the (See Attached Comments) is/are above this elevation.**

Highest adjacent natural grade is 100.00 Feet Lowest adjacent natural grade is 97.99 Feet

Signature *Richard B. Howell Jr* Date **10-28-2016**

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 _____ feet meters above or below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ feet meters above or below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 3 and 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ feet meters above or below the HAG.

E3. Attached garage (top of slab) is _____ feet meters above or below the HAG.

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

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–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: FPUP# 15FC00352E	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 _____

Check here if attachments.

Building Photographs

See Instructions for Item A6.

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.
14796 South Bay Mare Drive

Policy Number:

City Tucson

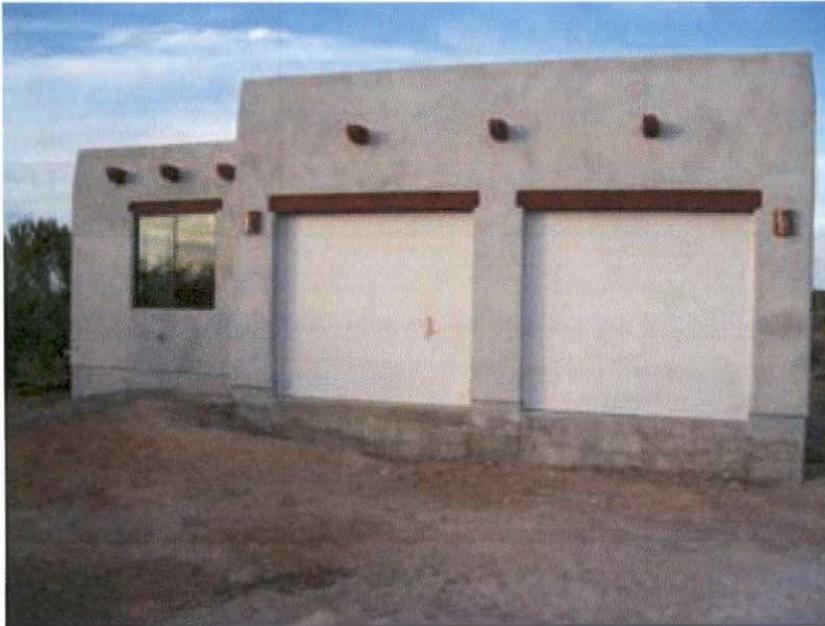
State AZ

ZIP Code 85736

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.

Front View 10-27-2016



Right Side View 10-27-2016



Building Photographs

Continuation Page

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.
14796 South Bay Mare Drive

Policy Number:

City Tucson

State AZ

ZIP Code 85736

Company NAIC Number:

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.

Rear View 10-27-2016



Left Side View 10-27-2016



Finished Construction Elevation Certificate - Surveyor's Comments – Section D

Assessor's Tax Code: 301-69-055A

Building owner's name: Charles & Paige Murdock

Building Street Address: 14796 South Bay Mare Drive

City: Tucson State: AZ Zip Code: 85736

Comments: The Elevation Certificate Form was provided to the surveyor by the client. The information on Lines A1 through A5 in Section A and Lines B1 through B12 in Section B, on the form, was provided to the client by the Pima County Regional Flood Control District office.

Item C2d): The lowest finished elevation is on the concrete at the lip or entrance to the garage at the south end. The elevation is 100.50 feet. The finished elevation on the concrete floor of the garage just inside the entrance is 101.69 feet. The finished elevation on the concrete floor at the north end of the garage is 101.82 feet. The finished elevation on the concrete pad that steps up at the north end of the garage (location of the hot water heater) is 102.11 feet.

Item C2e): There are two concrete pads for heating and cooling units on the north side of the building. The finished elevations on top of the pads are 102.13 feet (west pad) and 102.11 feet (east pad). The hot water heater sits on a raised pedestal on the concrete pad that steps up at the north end of the garage. The elevation on top of the pedestal (bottom of the hot water heater) is 103.68 feet.