

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires December 31, 2005

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

PCPD OCT 23 03AM 7:42

SECTION A - PROPERTY OWNER INFORMATION

BUILDING OWNER'S NAME
Mr. John W. McGettigan, Jr.

For Insurance Company Use:

Policy Number

BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO.
5201 North Bear Canyon Road, #2

Company NAIC Number

CITY
Tucson

STATE
AZ

ZIP CODE
85750

PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
APN 114-08-004D

BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.)
Residential

LATITUDE/LONGITUDE (OPTIONAL)
(##° - ##' - ###" or ##.#####°)

HORIZONTAL DATUM:
☐ NAD 1927 ☐ NAD 1983

SOURCE: ☐ GPS (Type): _____
☐ USGS Quad Map ☐ Other: _____

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER
N/A

B2. COUNTY NAME
Pima

B3. STATE
Arizona

B4. MAP AND PANEL
NUMBER
04019C1670

B5. SUFFIX
K

B6. FIRM INDEX DATE
02-08-99

B7. FIRM PANEL
EFFECTIVE/REVISED DATE
N/A

B8. FLOOD ZONE(S)
A

B9. BASE FLOOD ELEVATION(S)
(Zone AO, use depth of flooding)
2640.2 2641.2

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

☐ FIS Profile ☐ FIRM ☐ Community Determined ☒ Other (Describe): Arroyo Engineering, LLC

B11. Indicate the elevation datum used for the BFE in B9: ☒ NGVD 1929

☐ NAVD 1988 ☐ Other (Describe): _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☐ No Designation Date _____

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. Building Diagram Number 1 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

C3. 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

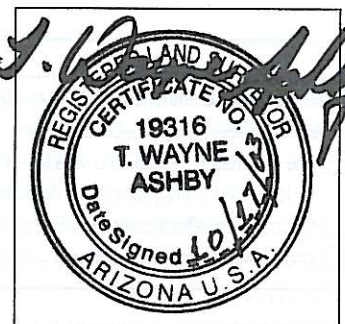
Complete Items C3.-a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.

Datum Conversion/Comments _____

Elevation reference mark used RM261 Does the elevation reference mark used appear on the FIRM? ☒ Yes ☐ No

- a) Top of bottom floor (including basement or enclosure) 2641. 72 ft.(m)
- b) Top of next higher floor N/A. ft.(m)
- c) Bottom of lowest horizontal structural member (V zones only) N/A. ft.(m)
- d) Attached garage (top of slab) N/A. ft.(m)
- e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area) 2641. 1 ft.(m)
- f) Lowest adjacent (finished) grade (LAG) 2639. 8 ft.(m)
- g) Highest adjacent (finished) grade (HAG) not natural grade 2641. 3 ft.(m)
- h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade N/A
- i) Total area of all permanent openings (flood vents) in C3.h N/A sq. in. (sq. cm)

License Number, Embossed Seal, Signature, and Date



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 in Sections A, B, and C 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.

CERTIFIER'S NAME T. Wayne Ashby

LICENSE NUMBER RLS 19316 (AZ)

TITLE President/Director of Survey

COMPANY NAME Ashby Surveying & Drafting, Inc.

ADDRESS
717 North Swan Road

CITY
Tucson

STATE
AZ

ZIP CODE
85711

SIGNATURE

T. Wayne Ashby

DATE
10/17/03

TELEPHONE
1 (520) 325-1991

IMPORTANT: In these spaces, copy the corresponding information from Section A.			For Insurance Company Use:
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and P.O. Box No.) OR P.O. ROUTE AND BOX NO. 5201 North Bear Canyon Road, #2			Policy Number
CITY Tucson	STATE AZ	ZIP CODE 85750	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 ELEVATION SHOWN IN C3.C IS THE LOWEST CONCRETE PAD (OF 3) SUPPORTING ^{AN} AIR CONDITIONER FOR THE HOME. TWO (2) OTHER CONCRETE PADS SUPPORT AIR CONDITIONERS AT ELEVATIONS OF 2641.14 AND 2641.52.

☐ Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zone AO and Zone A (without BFE), complete Items E1 through E4. If the Elevation Certificate is intended for use as supporting information for a LOMA or LOMR-F, Section C must be completed.

- E1. Building Diagram Number 1 (Select the building diagram most similar to the building for which this certificate is being completed – see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)
- E2. The top of the bottom floor (including basement or enclosure) of the building is 0 ft.(m) 5 in.(cm) ☒ above or ☐ below (check one) the highest adjacent grade. (Use natural grade, if available).
- E3. For Building Diagrams 6-8 with openings (see page 7), the next higher floor or elevated floor (elevation b) of the building is ft.(m) in.(cm) above the highest adjacent grade. Complete items C3.h and C3.i on front of form.
- E4. The top of the platform of machinery and/or equipment servicing the building is 0 ft.(m) 2 in.(cm) ☐ above or ☒ below (check one) the highest adjacent grade. (Use natural grade, if available).
- E5. For 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, C (Items C3.h and C3.i only), 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, C, 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.

- G1. ☐ The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local 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	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 is:

 ft.(m) Datum:

G9. BFE or (in Zone AO) depth of flooding at the building site is:

 ft.(m) Datum:

LOCAL OFFICIAL'S NAME TITLE

COMMUNITY NAME TELEPHONE

SIGNATURE DATE

COMMENTS

☐ Check here if attachments



October 16, 2003

Mr. Wayne Ashby, RLS
Ashby Surveying and Drafting, Inc.
717 North Swan Road
Tucson, Arizona 85711

Subject: Certificate of Finished Floor Elevation for an Existing Residential Structure
Located Near an Unnumbered Flood-Hazard Zone A of Bear Creek, Pima
County, Arizona

Property: John W. "Jack" McGettigan, Jr., and Kevin Concagh
5201 North Bear Canyon Road, #2
Tax Code 114-08-004 D
Portion of Sec. 15, T-13-S, R-15-E

Dear Wayne,

With regard to the Elevation Certificate you are preparing for the above-referenced residence, we have calculated the 100-year water-surface elevation of Bear Creek adjacent to the upstream edge of this structure. Our calculations show that 100-year water-surface elevation is 2640.20 feet, NGVD-1929, and was based on our HEC-2 cross section #2. Our analyses are currently under review by the Pima County Flood Control District as part of an Application for a Floodplain Use Permit we recently submitted for a new structure to be located nearby. If you have any questions regarding our analyses, please feel free to call me or Jean Hudson from PCFCD.



Very truly yours,

Arroyo Engineering, LLC

Justin Turner, P.E.

Civil Engineer and Hydrologist

cc: Jack McGettigan and Kevin Concagh