

FPUP # 03-902ER

P0_CP

Client's Initials _____

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.

SECTION A - PROPERTY OWNER INFORMATION			For Insurance Company Use:
BUILDING OWNER'S NAME Kevin Concagh		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 85 749	
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Tax Code Number 114-08-004D			
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) New Single-Family Residential Building			
LATITUDE/LONGITUDE (OPTIONAL) (###-##-### or #####)		HORIZONTAL DATUM: SOURCE: <input type="checkbox"/> GPS (Type): _____ <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983 <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other: _____	

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 AND PANEL NUMBER 04019C 1670	B5. SUFFIX K	B6. FIRM INDEX DATE 2/8/99	B7. FIRM PANEL EFFECTIVE/REVISED DATE 2/8/99	B8. FLOOD ZONE(S) A	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 2644.0
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9. <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input checked="" type="checkbox"/> Other (Describe): Report by Arroyo Engineering					
B11. Indicate the elevation datum used for the BFE in B9: <input checked="" type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other (Describe): _____					
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					

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.

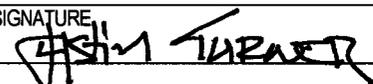
C2. Building Diagram Number 1 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

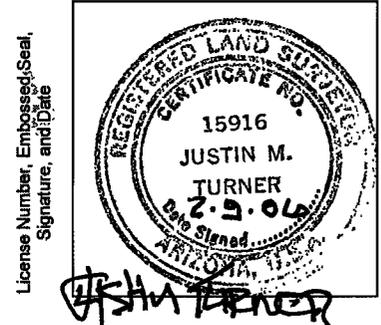
C3. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO
Complete Items C3.-a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert 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 1929 Conversion/Comments None
Elevation reference mark used G26 Does the elevation reference mark used appear on the FIRM? Yes No

- a) Top of bottom floor (including basement or enclosure) 2647.73 ft.(m)
- b) Top of next higher floor NA ft.(m)
- c) Bottom of lowest horizontal structural member (V zones only) N/A ft.(m)
- d) Attached garage (top of slab) NA ft.(m)
- e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area) 2647.73 ft.(m)
- f) Lowest adjacent (finished) grade (LAG) 2646.41 ft.(m)
- g) Highest adjacent (finished) grade (HAG) 2646.68 ft.(m)
- h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade None
- i) Total area of all permanent openings (flood vents) in C3.h NA sq. in. (sq. cm)

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 Justin M. Turner, PE, RLS	LICENSE NUMBER Arizona 15916		
TITLE Principal	COMPANY NAME Arroyo Engineering, LLC		
ADDRESS 5675 N. Oracle Road, Suite 3203	CITY Tucson	STATE Arizona	ZIP CODE 85704
SIGNATURE 	DATE 2/9/06	TELEPHONE 520.882.0206	



FPUP # 03-902ER			For Insurance Company Use:
IMPORTANT: In these spaces, copy the corresponding information from Section A.			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 85 749	

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 (C3e) is the Compressor Unit, and it is located outside of, and immediately next to, the house, on a concrete pad having an elevation equal to that of the Finished Floor (2647.73). All other service equipment is/are located above the lowest floor.

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 (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 ___ ft.(m) ___ 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 ___ ft.(m) ___ 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 03-902ER	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

03-902ER

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.

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BUILDING OWNER'S NAME Kevin Concagh		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 Arizona	ZIP CODE 85749	
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Tax Code Number 114-08-004D			
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) New Single-Family Residential Building			
LATITUDE/LONGITUDE (OPTIONAL) (##-##-### or ###.###)	HORIZONTAL DATUM: <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983	SOURCE: <input type="checkbox"/> GPS (Type): _____ <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other: _____	

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER Unincorporated Pima County, 040073		B2. COUNTY NAME Pima		B3. STATE Arizona	
B4. MAP AND PANEL NUMBER 04019C1670	B5. SUFFIX K	B6. FIRM INDEX DATE Feb. 8, '99	B7. FIRM PANEL EFFECTIVE/REVISED DATE Feb. 8, 1999	B8. FLOOD ZONE(S) A	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 2644.0

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): **Report by Arroyo Engineering**

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 _____

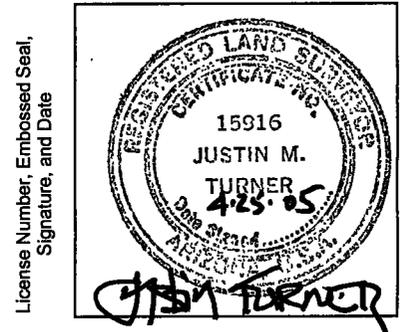
SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

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 NGVD1929 Conversion/Comments None
 Elevation reference mark used G261 Does the elevation reference mark used appear on the FIRM? Yes No

* a) Top of bottom floor (including basement or enclosure)	<u>2647.73</u> ft.(m)
* b) Top of next higher floor	<u>N/A</u> ft.(m)
* c) Bottom of lowest horizontal structural member (V zones only)	<u>NA</u> ft.(m)
* d) Attached garage (top of slab)	<u>NA</u> ft.(m)
* e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area)	<u>NA</u> ft.(m)
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 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 **Justin M. Turner, PE, RLS** LICENSE NUMBER **15916**

TITLE Principal	COMPANY NAME Arroyo Engineering, LLC
ADDRESS 5675 North Oracle Road, Suite 3201	CITY Tucson STATE AZ ZIP CODE 85704
SIGNATURE Justin Turner	DATE April 25, 2005 TELEPHONE 520-882-0206

elcert_05_

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.

Policy Number

5201 North Bear Canyon Road, #2

CITY Tucson	STATE AZ	ZIP CODE 85	Company NAIC Number
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SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

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COMMENTS

Check here if attachments

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PROPERTY OWNER'S OR OWNER'S AUTHORIZED REPRESENTATIVE'S NAME

ADDRESS	CITY	STATE	ZIP CODE
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SIGNATURE	DATE	TELEPHONE
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COMMENTS

Check here if attachments

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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 03-902ER	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

The Regulatory Flood Elevation (RFE) is one foot above the Base Flood Elevation (BFE). Unless an elevation above mean sea level is given, elevations are based on Highest Adjacent Grade (HAG).

Check here if attachments