

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expires February 28, 2009

Important: Read the instructions on pages 1-8.

HR
2-19-09
SB

PS 1/8

09 FEB 19 09:29

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name Eric and Tamara Leboucher		For Insurance Company Use:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 16181 West Killarney Avenue		Policy Number
City Tucson State AZ ZIP Code 85736		Company NAIC Number

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Tax Code 301-67-161A Township 16 Range 10 Section 34 Diamond Bell, Unit 9, Lots 160-161

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) **Accessory: Detached Garage**

A5. Latitude/Longitude: Lat. **32.996509** Long. **-111.308934** 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 **1**

A8. For a building with a crawl space or enclosure(s), provide:
 a) Square footage of crawl space or enclosure(s) **1200** sq ft
 b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade **4**
 c) Total net area of flood openings in A8.b **1152** sq in

A9. For a building with an attached garage, provide:
 a) Square footage of attached garage **NA** sq ft
 b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade **NA**
 c) Total net area of flood openings in A9.b **NA** sq in

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

R1 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.
 FIS Profile FIRM Community Determined Other (Describe) _____

B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other (Describe) **Highest Adjacent Natural Grade**

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

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-g below according to the building diagram specified in Item A7.
 Benchmark Utilized **Highest Adjacent Natural Grade** Vertical Datum **Local**
 Conversion/Comments **NA**

Check the measurement used.

a) Top of bottom floor (including basement, crawl space, or enclosure floor)	0.5	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	NA	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	NA	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	NA	<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 in Comments)	4.5	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade (LAG)	0	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG)	0	<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, 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.

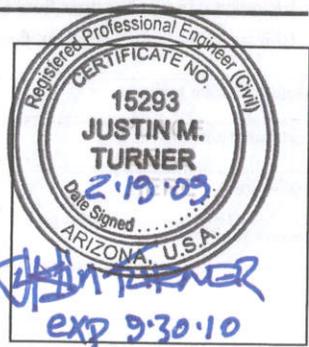
Check here if comments are provided on back of form.

Certifier's Name **Justin M. Turner PE** License Number **Ariz P.E. 15293**

Title **Principal** Company Name **Arroyo Eng.**

Address **5675 N. Oracle #3203 Tucson AZ 85704** ZIP Code **85704**

Signature **Justin M. Turner** Date **2-19-09** Telephone **520-882-0206 x14**



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. 16181 West Killarney Avenue			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 (C3.e) is the 100 amp service & electrical outlets** is/are above this elevation.
Highest adjacent natural grade is 0 Lowest adjacent natural grade is 0

Signature **[Handwritten Signature]** Date **2-19-09** **(4 photos attached)** 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, crawl space, enclosure) is _____ feet _____ meters above or below the HAG.
 b) Top of bottom floor (including basement, crawl space, enclosure) is _____ feet _____ meters above or below the LAG.
- E2. For Building Diagrams 6-8 with permanent flood openings provided in Section A Items 3 and 9 (see page 8 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'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# 08-955E	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 (PR) Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ feet _____ meters (PR) Datum _____

Local Official's Name _____ Title _____

Community Name _____ Telephone _____

Signature _____ Date _____

Comments _____

Check here if attachments

FPUP #08-955E
Eric and Tamara LeBoucher
16181 W. Killarney
Accessory: Detached Garage (1200 sq. ft.)

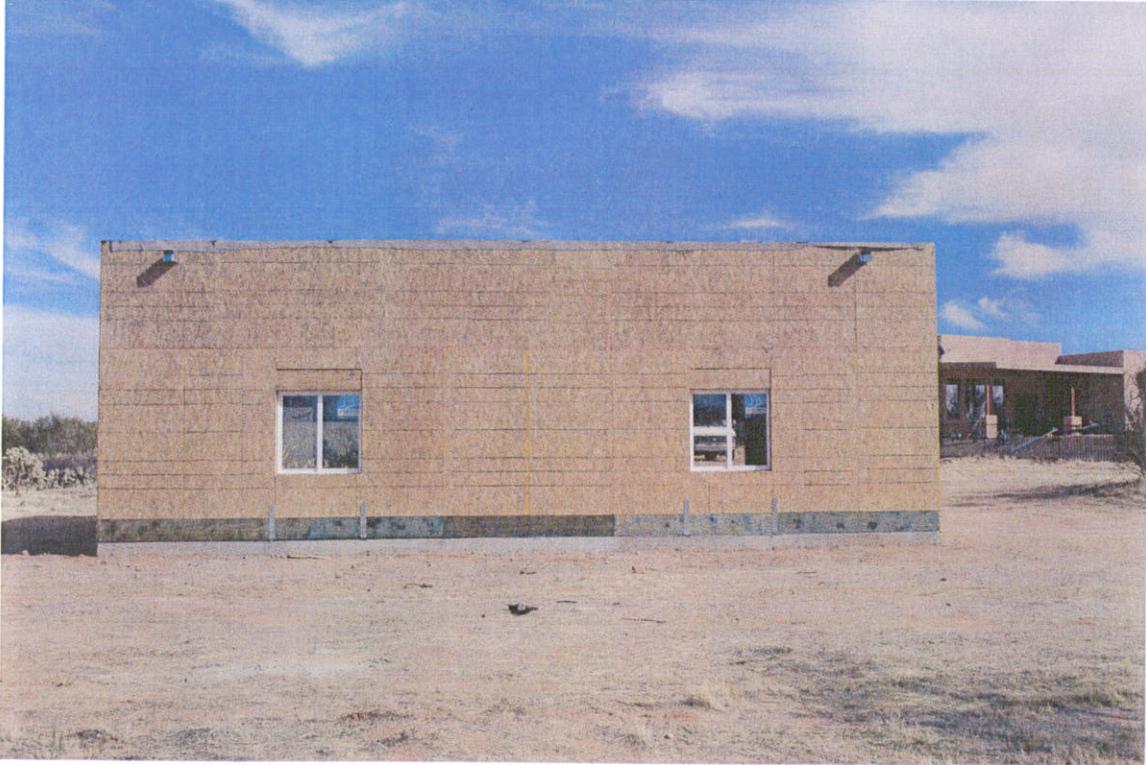
Photo #1



View of North or Right-Hand Side of Detached Garage. Notice two (2) 12" x 24" vents.

FPUP #08-955E
Eric and Tamara LeBoucher
16181 W. Killarney
Accessory: Detached Garage (1200 sq. ft.)

Photo #2



View of West Side or Rear of Detached Garage.

FPUP #08-955E
Eric and Tamara LeBoucher
16181 W. Killarney
Accessory: Detached Garage (1200 sq. ft.)

Photo #3



View of South Side of Detached Garage. Notice two (2) 12" x 24" vents.

FPUP #08-955E
Eric and Tamara LeBoucher
16181 W. Killarney
Accessory: Detached Garage (1200 sq. ft.)

Photo #4



View of East Side of Detached Garage.

PIMA COUNTY FLOODPLAIN USE PERMIT APPLICATION

Pg 7/8



PIMA COUNTY REGIONAL FLOOD CONTROL DISTRICT
 97 E. CONGRESS STREET, 3RD FLOOR
 TUCSON, ARIZONA 85701-1797
 (520) 243-1800



TO BE FILLED OUT BY APPLICANT (PLEASE PRINT CLEARLY):

DS ACTIVITY NUMBER P08CP08869

DATE <u>12-17-08</u>	TOWNSHIP <u>16</u>	RANGE <u>10 E</u>	SECTION <u>34</u>	TAX CODE <u>301-67-161A</u>
PROPERTY OWNER'S LAST NAME <u>L.E. Boycher</u>		PROPERTY OWNER'S FIRST NAME		PROPERTY OWNER'S PHONE NUMBER
APPLICANT'S LAST NAME <u>CLEMONS</u>		APPLICANT'S FIRST NAME <u>DONALD</u>		APPLICANT'S PHONE NUMBER <u>235-3673</u>
PROJECT SITE ADDRESS <u>16181 W. W. Arvey</u>			CITY <u>Tucson</u>	STATE <u>AZ</u> ZIP <u>85732</u>
APPLICANT'S MAILING ADDRESS <u>3535 N. 1st Ave Apt L102</u>			CITY <u>Tucson</u>	STATE <u>AZ</u> ZIP <u>85719</u>

SUBDIVISION AND LOT NUMBER OR PARCEL LEGAL DESCRIPTION
Diamond Bell Ranch Tucson unit 9 Lots 160 & 161-21046

DESCRIPTION OF WORK (A site plan DRAWN TO SCALE and showing ALL proposed work must be attached)
Detached Garage (1200 sq. ft)

DESCRIPTION OF SUPPORTING INFORMATION BEING SUBMITTED
See site plan

IF THIS PERMIT IS FOR A STRUCTURE, METHOD OF PROTECTION FROM FLOODING MUST BE INDICATED (CHECK ALL THAT APPLY)

If residence has an attached garage, is the garage FFE below the elevation of the residence? (CIRCLE ONE) Yes No

ELEVATED ON FILL: <input type="checkbox"/>	ELEVATED ON STEM WALL (DOES NOT INCL. BLOCK SKIRTING): <input type="checkbox"/>	ELEVATED ON PIERS: <input type="checkbox"/> (NOTE PIER TYPE ON PLAN)	VENTED AND/OR FLOODPROOFED BLDG AREA (SQFT): <input checked="" type="checkbox"/> (SHOW SIZE/LOCATION OF VENTS ON SITE PLAN)	OTHER (EXPLAIN)
EXTENDS 25 FT FROM STRUCTURE: <input type="checkbox"/>	BACKFILLED FLOOD-VENTED: <input type="checkbox"/>	NO SKIRTING: <input type="checkbox"/>		
ENGINEERED ALTERNATIVE: <input type="checkbox"/>		BREAK-AWAY SKIRTING: <input type="checkbox"/>		
		BLOCK SKIRTING: <input type="checkbox"/>		

By signing this permit application, the undersigned applies for a permit pursuant and subject to the requirements to the FLOODPLAIN AND EROSION HAZARD MANAGEMENT ORDINANCE NO. 2005-FC2 and hereby agrees to abide by all the Covenants, Conditions, and Restrictions contained or referred to herein and to indemnify, defend, and hold harmless Pima County and the Regional Flood Control District and their agents from and against any and all suits, claims, or demands associated with the approval of this application.

APPLICANT SIGNATURE X Donald Clemons

This application becomes a valid permit only when completed and signed approved by the Regional Flood Control District below and accepted by applicant on reverse. Validated permit is subject to the conditions indicated on the reverse and attachments (if any).

THIS PORTION AND REVERSE TO BE COMPLETED BY PIMA COUNTY REGIONAL FLOOD CONTROL DISTRICT

PREP BY <u>EPE</u>	AREA <u>5</u>	PERMIT NUMBER <u>08-955E</u>	CODE <u>GAR</u>	ZONE <u>X</u>	PANEL/DATE <u>3350k 2-8-99</u>	ENGINEERING INCLUDED IN FILE	STATUS	DATE
AS BUILT		MH INSTALL. CERTIFICATION	ELEV. CERT OR FLOOD PROOF	COVENANTS G A B S	YES	NO	REC'D	<u>12-17-08</u>
REQ'D	COMP	REQ'D	COMP	REQ'D	COMP	RIPARIAN HABITAT	APPR	<u>12-30-08</u>
AMOUNT OF RIPARIAN DISTURBANCE (SQ FT): <u>0</u>		CUMMULATIVE RIPARIAN DISTURBANCE (SQ FT): <u>0</u>		H A B, C D N/A		IRA? Y/N PLAN? Y/N		
APPROVED <u>Travis Jones</u>						DATE <u>12-30-08</u>		

GENERAL CONDITIONS (applicable to all floodplain use permits)

Applicant agrees to comply with all conditions and restrictions as stated in Pima County Floodplain and Erosion Hazard Management Ordinance No. 2005-FC2 (hereafter Title 16 of the Pima County Code), as recorded in the office of the Pima County, Recorder, Pima County, Arizona, as Title 16 at Docket 12643, Pages 825 - 891.

This permit shall be valid for a period of one (1) year from the date of approval. This permit can be revoked subject to the provisions of Title 16 at 16.20.060.

Applicant assumes responsibility for engineering, design, construction, inspection and maintenance associated with all improvements and facilities covered by this permit and hereby certifies that any and all federal, state, and other local permits required for the activity covered by this permit, including but not limited to any and all permits required under the Clean Water Act, have been obtained. Natural drainage shall not be altered, disturbed or obstructed, other than as allowed under this permit.

By the issuance of this permit, Pima County Regional Flood Control makes no representation regarding applicant's authority or permission to enter into and upon the lands of third parties. It is the responsibility of the applicant to obtain any and all rights of entry or easements from any or all third party landowners, which may be necessary to effectuate the conditions of this permit.

Uses allowed under this permit shall be confined to those described in the application on reverse and shall conform to the limits shown on the plot plan, EXHIBIT A, attached hereto and incorporated by reference herein.

Special conditions for Floodplain Use Permit No. 08-955E (Page 1 of 1)

Permittee acknowledges that the subject property is located within a Special Study floodplain and/or erosion hazard area as shown in the report: #46, Sheet Flood Mapping for Unincorporated Pima County (dated 8-8-2007).

The District recommends that flood insurance be purchased for any insurable structure within the flood prone area.

Permit is for a Detached Garage (P08CP08869) as shown on the site plan approved by the Zoning Section of Pima County Development Services Department dated 12/17/2008. The activity is located within the sheet flow flood hazard area.

For purposes of this permit the following flood elevations shall be used:

Base Flood Elevation (BFE) = 0.5 feet above highest adjacent natural grade

Regulatory Flood Elevation (RFE) = 1.5 feet above highest adjacent natural grade

Applicant has indicated that the finished floor of the detached garage will be constructed below the RFE. Any fully enclosed, non-habitable area (i.e. attached garage) or structure with a finished floor below the RFE, which is usable solely for vehicle parking or storage, shall be flood vented to equalize flood forces by allowing for the automatic entry and exit of floodwaters and shall be constructed of flood-proof materials up to the Regulatory Flood Elevation in accordance with 44 CFR §60.3. Flood venting shall be on at least two opposing exterior walls in the direction of flow with the bottom of the vents within one foot of grade. **The total area of flood vents shall be equal to at least one square inch of venting per square foot of enclosed area.** Flood-proof materials are those that can be inundated by floodwaters with little or no damage, such as concrete, stone, masonry, pressure-treated lumber, and epoxy paint. Vented and/or flood-proofed areas or structures must remain non-habitable unless brought into compliance.

Service facilities such as electrical, heating and cooling, water heaters, pool and well equipment shall be constructed at or above the Regulatory Flood Elevation (RFE).

P2F - COMPLETED ELEVATION CERTIFICATE FOR FINISHED CONSTRUCTION TO BE RETURNED TO FLOODPLAIN MANAGEMENT PRIOR TO FINAL INSPECTION (P2F). This Elevation Certificate must be completed by an Arizona registered land surveyor or engineer and must include the identity and elevation of the lowest service equipment/machinery servicing the building as well as the identity and location of all other equipment/machinery servicing the building.

Permittee acknowledges this parcel contains Class "C" Riparian Habitat, as shown on the *Riparian Habitat Classification Maps, 2005*. A cumulative disturbance of one third of one acre, 14,520 square feet, or more of this habitat, will require a Floodplain Use Permit and a Mitigation Plan, per Chapter 16.30 of the Ordinance. The disturbance calculated for this permit is 0.0 sf. The cumulative disturbance for this property is 0.0 s.f. All work performed on this parcel shall comply with the requirements of the Riparian Habitat Ordinance, Chapter 16.30 of the Floodplain and Erosion Hazard Management Ordinance No. 2005-FC2, Title 16 of the Pima County Code.

This permit is valid only after the recording of certain Covenants and Restrictions, which run with the land and are to be considered as conditions upon which this Floodplain Use Permit is issued.

APPLICANT ASSISTANCE SIGNATURE	EL Elevation Certificate Received	DATE
Any additional improvements, including structures, fencing, block walls, swimming pools, etc. shall require a separate Floodplain Use Permit prior to construction. Natural drainage not to be disturbed.	Received: NA	

12/18/08
[Signature] 15109