

FPUP # 06-417

DSD # P06CP08731

## ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1-9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION A - PROPERTY INFORMATION				FOR INSURANCE COMPANY USE	
A1. Building Owner's Name Estela Grasso				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 8860 W. Snyder Hill Rd.				Company NAIC Number:	
City Tucson		State Arizona		ZIP Code 85735	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Taxcode: 212-38-344J Township 14 Range 12 Section 31					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential: Single Family Residence					
A5. Latitude/Longitude: Lat. 32.162726 Long. -111.154334 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. <small>Pima County Regional Flood Control District requires four (4) photographs.</small>					
A7. Building Diagram Number <u>1 B</u>					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) <u>N/A</u> sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>0</u>					
c) Total net area of flood openings in A8.b <u>0</u> sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
A9. For a building with an attached garage:					
a) Square footage of attached garage <u>399</u> sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>0</u>					
c) Total net area of flood openings in A9.b <u>0</u> sq in					
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 Arizona
B4. Map/Panel Number 04019C2245	B5. Suffix L	B6. FIRM Index Date 09/28/2012	B7. FIRM Panel Effective/ Revised Date 06-16-2011	B8. Flood Zone(s) AO Depth 1	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 1.0
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 checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
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/Source: Highest Adjacent Natural Grade (=100.0 ft)					
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: _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

18 JUL 10 PM 3:50



# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expiration Date: November 30, 2018

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 8860 W. Snyder Hill Rd.			Policy Number:
City Tucson	State Arizona	ZIP Code 85735	Company NAIC Number

## 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: HANG = 100.0 ft Vertical Datum: Local

Indicate elevation datum used for the elevations in items a) through h) below.

☐ NGVD 1929 ☐ NAVD 1988 ☒ Other/Source: HANG = 100.0 ft

Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

- |   |                |  |
|---|----------------|--|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor)   | <u>102.02</u>  | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| b) Top of the next higher floor   | <u>N/A</u>     | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only)   | <u>N/A</u>     | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| d) Attached garage (top of slab)  | <u>101.66</u>  | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| e) Lowest elevation of machinery or equipment servicing the building<br>(Describe type of equipment and location in Comments) | <u>102.2 *</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG)  | <u>100.0</u>   | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG)   | <u>100.4</u>   | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support                                  | <u>N/A</u>     | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |

PCRFCD Note: Indicate lowest adjacent natural grade (LANG) in Section D.  
PCRFCD Note: Indicate highest adjacent natural grade (HANG) in Section D.

## 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.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☐ Yes ☒ No ☐ Check here if attachments.

Certifier's Name <u>Howard M Brown</u>	License Number <u>RLS 23942</u>
Title <u>President</u>	
Company Name <u>Howard Brown Ent LLC</u>	
Address <u>4960 N. Vista de Loma Segunda</u>	
City <u>Tucson</u>	State <u>AZ</u> ZIP Code <u>85749</u>



EXPIRES 03/31/21

Signature [Signature] Date 7-10-18 Telephone 520-403-6045 Ext.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)

The lowest service equipment (C3.e) is the Heater/Ac and the  is/are above this elevation.

Highest adjacent natural grade is 100.0 ft Lowest adjacent natural grade is 99.7

For manufactured homes only: The elevation of the bottom of the lowest horizontal structural member is N/A

For additions: The finished floor elevation of the original existing structure is N/A

\* Note Heater/Ac pod in place no equipment at this time

**ELEVATION CERTIFICATE**OMB No. 1660-0008  
Expiration Date: November 30, 2018

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 8860 W. Snyder Hill Rd.			Policy Number:
City Tucson	State Arizona	ZIP Code 85735	Company NAIC Number

**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 8 and/or 9 (see pages 1–2 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.



# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expiration Date: November 30, 2018

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 8860 W. Snyder Hill Rd.			Policy Number:
City Tucson	State Arizona	ZIP Code 85735	Company NAIC Number

## 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-G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued <i>2/1</i>	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 (including type of equipment and location, per C2(e), if applicable)

\* Heater / A/c pads in place - no equipment at this time

☐ Check here if attachments.

# BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008

Expiration Date: November 30, 2018

## ELEVATION CERTIFICATE

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 8860 W. Snyder Hill Rd.			Policy Number:
City Tucson	State Arizona	ZIP Code 85735	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.



Photo One

Photo One Caption

Front (South)

Clear Photo One



Photo Two

Photo Two Caption

Left Side (From Front Corner) (vlast)

Clear Photo Two



# ELEVATION CERTIFICATE

## BUILDING PHOTOGRAPHS

Continuation Page

OMB No. 1660-0008

Expiration Date: November 30, 2018

**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.  
8860 W. Snyder Hill Rd.

Policy Number:

City  
Tucson

State  
Arizona

ZIP Code  
85735

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.



Photo Three Caption *Back (North)*

Clear Photo Three



Photo Four Caption *Right Side from back Corner (East)*

Clear Photo Four



# PIMA COUNTY FLOODPLAIN USE PERMIT APPLICATION



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



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

DS ACTIVITY NUMBER P06CP08731

DATE <u>7-18-06</u>	TOWNSHIP <u>14</u>	RANGE <u>12</u>	SECTION <u>31</u>	TAX CODE <u>212-38-344E</u>
PROPERTY OWNER'S LAST NAME <u>GRASSO</u>		PROPERTY OWNER'S FIRST NAME <u>ESTELA</u>		PROPERTY OWNER'S PHONE NUMBER <u>(520) 908-0671</u>
APPLICANT'S LAST NAME <u>GRASSO</u>		APPLICANT'S FIRST NAME <u>ESTELA</u>		APPLICANT'S PHONE NUMBER <u>(520) 908-0671</u>
PROJECT SITE ADDRESS <u>8860 W Sayder Hill Rd</u>			CITY <u>TUCSON</u>	STATE <u>AZ</u>
APPLICANT'S MAILING ADDRESS <u>SAAG</u>			CITY	ZIP <u>85735</u>
SUBDIVISION AND LOT NUMBER OR PARCEL LEGAL DESCRIPTION <u>N200' S230' E 653.41' of LOT 103 AC Sec 31-4-12</u>				
DESCRIPTION OF WORK (A plot plan DRAWN TO SCALE and showing ALL proposed work must be attached) <u>New House</u>				
DESCRIPTION OF SUPPORTING INFORMATION BEING SUBMITTED <u>SITE plan</u>				
IF THIS PERMIT IS FOR A STRUCTURE, HOW IS IT GOING TO BE PROTECTED FROM FLOODING? (CIRCLE ONE) ELEVATED ON FILL   <u>ELEVATED ON STEM WALL</u>   ELEVATED ON PILINGS/PIERS   VENTED/FLOODPROOFED   OTHER				
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 (hereafter Title 16 of the Pima County Code), for Pima County, Arizona, and hereby agrees to faithfully abide by all the Covenants, Conditions, and Restrictions contained or referred to herein and to indemnify, defend, and hold harmless Pima County and the Pima County 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 <u>[Signature]</u>				
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>CV</u>	AREA <u>2</u>	PERMIT NUMBER <u>06-417E</u>	CODE <u>SFR</u>	ZONE <u>A01</u>	PANEL/DATE <u>2206/8/99</u>	ENGINEERING INCLUDED IN FILE
AS BUILT		MH INSTALL. CERTIFICATION	ELEV. / FLOOD PROOF CERT.		COVENANTS	YES <input type="radio"/> NO <input checked="" type="radio"/>
<input checked="" type="checkbox"/> REQ'D	COMP	REQ'D	COMP	REQ'D	COMP	RIPARIAN HABITAT
AMOUNT OF RIPARIAN DISTURBANCE (SQ FT): <u>0</u>						H A B C I P <u>NONE</u>

STATUS	DATE
REC'D	<u>7/18/06</u>
<u>APPR</u>	<u>9/25/06</u>
ISSUED <u>CV</u>	<u>10-4-06</u>

APPROVED <u>[Signature]</u>	DATE <u>9/25/06</u>
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**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.

The following are special conditions for Floodplain Use Permit #06-417E:

Permittee acknowledges that the subject property is located in a Special Flood Hazard Area (SFHA), Zone AO1, as shown on the Flood Insurance Rate Map (FIRM), Community-Panel No. 040073-04019C-2200K, effective date 02-08-99. Federal law requires that a flood insurance policy be obtained as a condition of a federally-backed mortgage or loan that is secured by a building located within a SFHA.

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

Base Flood Elevation (BFE) = 1.0 feet above highest adjacent natural grade

Regulatory Flood Elevation (RFE) = 2.0 feet above highest adjacent natural grade

Residence to have lowest finished floor (including garage, basement or enclosure) elevated at or above the Regulatory Flood Elevation (RFE).

Any portion of the structure below the RFE shall be constructed of flood-proof materials in accordance with 44 CFR §60.3. 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.

Structure shall be elevated on a stem wall and the area below the floor of the structure shall be backfilled.

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

COMPLETED ELEVATION CERTIFICATE FOR BUILDING UNDER CONSTRUCTION TO BE RETURNED TO THE FLOODPLAIN MANAGEMENT SECTION PRIOR TO THE 1010/1015 INSPECTION (P2S).

COMPLETED ELEVATION CERTIFICATE FOR FINISHED CONSTRUCTION TO BE RETURNED TO THE FLOODPLAIN MANAGEMENT SECTION PRIOR TO FINAL INSPECTION (P2F). This Elevation Certificate 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.

Covenants and Restrictions which run with the land and are to be considered as conditions upon which this Floodplain Use Permit is issued, have been recorded under Docket # 9943, Page # 1255.

Any additional improvements, including fencing, block walls, or swimming pool, will require a separate Floodplain Use Permit prior to construction.

Natural drainage not to be disturbed

APPLICANT ACCEPTANCE SIGNATURE

*E. J. J. J.*

DATE

10/4/06





**PIMA COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**  
97 EAST CONGRESS STREET, THIRD FLOOR  
TUCSON, ARIZONA 85701-1797

**SUZANNE SHIELDS, P.E.  
DIRECTOR**

**(520) 243-1800  
FAX (520) 243-1821**

December 30, 2009

Ms. Estela Grasso  
8860 W. Snyder Hill Rd.  
Tucson, AZ 85735

**Re: Floodplain Use Permit No. 06-417E for 8860 W. Snyder Hill Rd.  
Placement of a Single Family Residence**

Dear Ms. Grasso:

The Regional Flood Control District (District) received your application for a Floodplain Use Permit (FPUP) dated 7/18/09, for placement of a shed at the above-referenced property.

The application was issued on 10/4/06. To date, no action has been performed on the approved permit, and, as such, the District is closing your application file. Your approved permit has been **EXPIRED**.

If you would like to continue to pursue the improvements on your property, you will be required to re-apply for a new FPUP. If you have any questions, please contact our office at 243-1800.

Sincerely,

Jeff Graupmann, Hydrologist  
Floodplain Management Division