



Floodplain Use Permit- Case History

RECORD: P19FC00756

Building/Floodplain Use Permit

Case Name:SFR

Issue: Custom single family residence

11/21/2019 Application Intake - Submitted: Application successfully submitted

Case Reviewer:Gail Kroth

11/22/2019 Review - Note: Permit for a SFR elevated on fill. Entire property in a 6" sheetflow floodplain. There is a small 25 ft setback wash in the southeastern corner and technically a 75 foot setback wash along camino verde

Case Reviewer:Philip Calabrese

11/22/2019 Review - Note: The proposed SFR is too big for our 80 ft fill pad detail. They will need to redesign the house or get engineering for the fillpad. The pad could be oriented a little more northeastern. Will call it out in rfc to see if they will shift it. The floodplain and wash/EHSB needs to be called out. not sure if we need to call out the wash along camino verde as that seem weird given it is a publicly maintained road.

Case Reviewer:Philip Calabrese

11/22/2019 Review - Note: RFC drafted. Please review. Only thing I was unsure on is how we should treat the mapped wash along camino verde. Its a publically maintained road so it seems a little weird to have the wash run along it. I did not put the EHSB for it on their floodplain factors map. I can if needed.

Case Reviewer:Philip Calabrese

11/26/2019 Review - Note: Draft RFC review completed, ok.

Case Reviewer:Francisco Ramirez

11/27/2019 Review - Request for Corrections: RFC emailed and mailed to applicant

Case Reviewer:Philip Calabrese

11/27/2019 Application Intake - Note: Talked with settlers west on the phone and they are going to have their engineer design the foundation



Case Reviewer:Philip Calabrese

12/12/2019 Application Intake - Note: New building and site plans submitted along with engineering for the foundation

Case Reviewer:Philip Calabrese

1/2/2020 Application Intake - Resubmit: Revised site plan resubmitted via email 1/02/2020

Case Reviewer:Andy Seiger

1/2/2020 Review - Approved: using plan set P19BP07555 D1FC1 with District approval stamp dated 1/02/2020.

Case Reviewer:Andy Seiger

1/3/2020 Issuance - Issued - Documents Required: Cops returned. Permit issued. Elcerts and asbuilt to be returned

Case Reviewer:Philip Calabrese

1/9/2020 Inspection - Note: 1/3/20 WAITING FOR GENERAL COVENANT TO BE RETURNED FROM THE RECORDERS OFFICE AND FOR THE EL CERT AND AS-BUILT TO BE RETURNED.

Case Reviewer:Deanna Reyes

5/5/2020 Inspection - Note: Received e-cop of P2S El Cert; numerous correction needed. E-m surveyor list of corrections to make; once completed, e-m EPE copy of revised El Cert and place original in mail to District.

Case Reviewer:Edward Eastburn

5/11/2020 Inspection - Note: P2S Elevation Certificate reviewed (e-copy), OK, FFE, above RFE on engineered fillpad with erosion protection; FF garage at RFE; hold released. awaiting return of P2F El Cert & As-Built Cert.

Case Reviewer:Edward Eastburn

6/25/2020 Inspection - Note: 6/25/20 WAITING FOR AS BUILT AND EL CERT TO BE RETURNED.

Case Reviewer:Deanna Reyes

12/1/2020 Inspection - Note: applicant will be submitting a fillpad redesign to take into account the proposed pool. Pad will extend south further to encompass the pool. Talked with FR and AS and was given ok for redesign to happen

Case Reviewer:Philip Calabrese



2/26/2021 Inspection - Documents Approved: P2F Elevation Certificate reviewed, OK, FFE & SE elevated above the RFE on erosion protected fill pad. Top of fillpad above BFE. As-Built Cert approved by Andy S.

E-mailed applicant to mail or have surveyor mail original P2F EI Cert to EPE ASAP.

Case Reviewer:Edward Eastburn

4/28/2026 Close Out - Note: all documentation returned. OK to close out

Case Reviewer:Philip Calabrese

4/28/2026 Close Out - Complete: No Comments

Case Reviewer:Valerie Gonzales

FPUP # P19FC00756
DSD # P19BP07555

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 MISTY & CHRISTIAN ALAPIZCO				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 6585 W MICHIGAN ST				Company NAIC Number:	
City TUCSON		State Arizona		ZIP Code 85735	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Taxcode: 212-45-068B Township 14S Range 12E Section 34 N2 LOT 12 EXC N45' & E143' THEREOF					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) _____					
A5. Latitude/Longitude: Lat. <u>32.169485</u> Long. <u>-111.105179</u> 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>1B</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>N/A</u>					
c) Total net area of flood openings in A8.b <u>N/A</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>826.00</u> sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>N/A</u>					
c) Total net area of flood openings in A9.b <u>N/A</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 04019C2265	B5. Suffix L	B6. FIRM Index Date 09-28-2012	B7. FIRM Panel Effective/ Revised Date 06-16-2011	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: <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input checked="" type="checkbox"/> Other/Source: <u>SPECIAL STUDY 46, DATED 8/08/2007</u>					
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: <u>Highest Adjacent Natural Grade (=100.0 ft)</u>					
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					

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

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. 6585 W MICHIGAN ST			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: NA Vertical Datum: NA

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

NGVD 1929 NAVD 1988 Other/Source: HIGHEST ADJACENT NATURAL GROUND = 100.0'

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) | 101.70 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| b) Top of the next higher floor | N/A | <input type="checkbox"/> feet | <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | N/A | <input type="checkbox"/> feet | <input type="checkbox"/> meters |
| d) Attached garage (top of slab) | 101.50 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| e) Lowest elevation of machinery or equipment servicing the building
(Describe type of equipment and location in Comments) | 101.50 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | 100.80 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG) | 100.80 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | N/A | <input 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 GEOFFREY K BRIMHALL	License Number AZ 33308		
Title SURVEY MANAGER			
Company Name KAEKO, INC			
Address 4655 N FLOWING WELLS RD			
City TUCSON	State Arizona		ZIP Code 85705
Signature <i>GK Brimhall</i>	Date 02-26-2021	Telephone (520) 690-1669	Ext. 302

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 (C2.e) is the AC UNIT(S) and the _____ is/are above this elevation.
 Highest adjacent natural grade is 100.8 Lowest adjacent natural grade is 100.8
 The elevation of the bottom of the structural frame of the manufactured home is N/A.

ELEVATION CERTIFICATE

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Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 6585 W MICHIGAN ST			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 02.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, 2022

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. 6585 W MICHIGAN ST			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	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)

Check here if attachments.

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008

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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 VIEW 2-22-2021

Clear Photo One

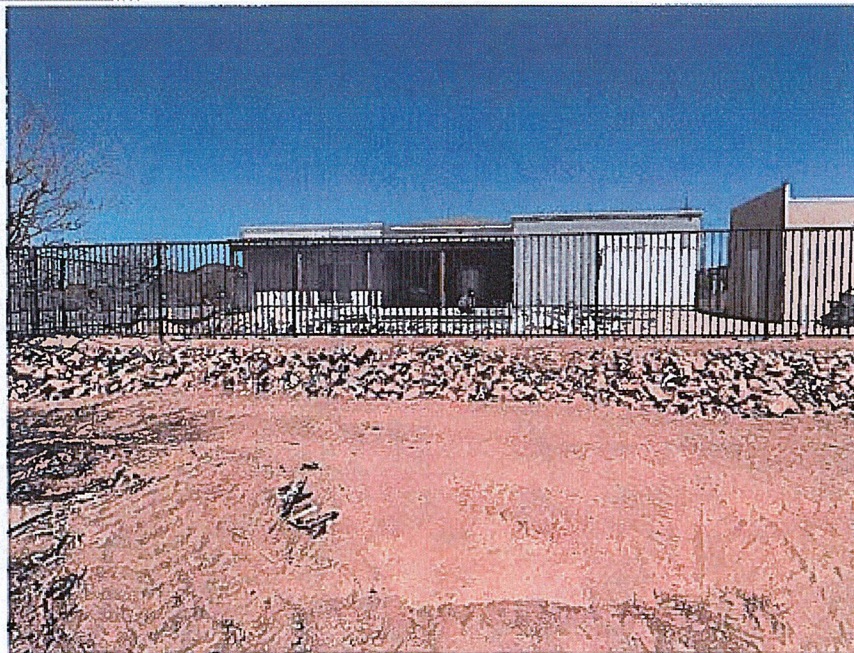


Photo Two

Photo Two Caption REAR VIEW 2-22-2021

Clear Photo Two

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

Continuation Page

OMB No. 1660-0008
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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.

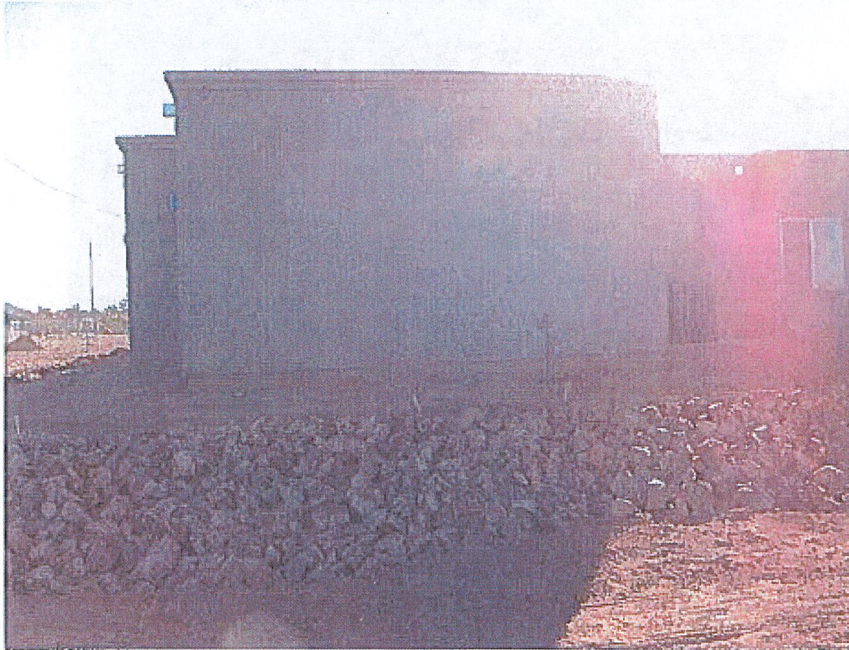


Photo Three

Photo Three Caption RIGHT SIDE VIEW 2-22-2021

Clear Photo Three



Photo Four

Photo Four Caption LEFT SIDE VIEW 2-22-2021

Clear Photo Four