



Floodplain Use Permit- Case History

RECORD: P19FC00360

Building/Floodplain Use Permit

Case Name:SFR

Issue: Custom single family residence

6/12/2019 Application Intake - Submitted: Application successfully submitted

Case Reviewer:Gail Kroth

6/13/2019 Review - Note: Permit for a SFR. Entire property within a 0.5 ft sheet flow floodplain and has developer Mapped erosion hazard area

Case Reviewer:Philip Calabrese

6/13/2019 Review - Note: Site plan has erosion hazard area mapped but does not have floodplain. Current plan does not show structure elevated or erosion protected. Per discussion with Francisco house will not need to be reoriented. RFC letter to be drafted.

Case Reviewer:Philip Calabrese

6/13/2019 Review - Note: RFC drafted. Fairly straight forward RFC. They need to update their foundation and call out the floodplain.

Case Reviewer:Philip Calabrese

6/19/2019 Review - Note: Draft RFC review completed. Revisions provided requiring fill pad design per plat requ'mts.

Case Reviewer:Francisco Ramirez

6/19/2019 Review - Request for Corrections: Applicant mailed and emailed RFC letter

Case Reviewer:Philip Calabrese

6/21/2019 Application Intake - Resubmit: New site plan submitted. Appears to have everything that was asked for addressed

Case Reviewer:Philip Calabrese



6/24/2019 Review - Note: Request approval. New site plan has specs needed for fillpad. Check condition 102 as I've reworded it to match what is needed for this permit. Home is not oriented however no homes in subdivision are and lots are fairly large to compensate for diverted flow.

Case Reviewer:Philip Calabrese

6/27/2019 Review - Approved: FPUP approved. Require hydro remove District Tech Policy for fill pads as project not subject to this detail. Hydro to upload D1FC1 to DSD plan folder.

Case Reviewer:Francisco Ramirez

6/28/2019 Issuance - Note: D1FC1 uploaded to DSD

Case Reviewer:Philip Calabrese

6/28/2019 Issuance - Note: FPUP printed and applicant notified. Permit may be issued upon return of signed COVS

Case Reviewer:Philip Calabrese

7/15/2019 Issuance - Issued - Documents Required: No Comments

Case Reviewer:Gail Kroth

7/15/2019 Inspection - Note: 7/15/19 WAITING FOR GENERAL COVENANTS TO BE RETURNED FROM THE RECORDERS OFFICE AND FOR THE EL CERT TO BE RETURNED AND THE AS BUILT.

Case Reviewer:Deanna Reyes

9/18/2019 Inspection - Note: 9/17/19 - COVENANTS RETURNED AND RECORDED 7/30/19.

Case Reviewer:Debbie Grijalva

5/1/2020 Inspection - Note: P2S El Cert never returned to District. DSD performed P2S inspection with hold intact.

Case Reviewer:Edward Eastburn

5/1/2020 Inspection - Documents Received: P2F El Cert received by e-mail. Many errors observed. E-mailed surveyor list of revision needed and supplied the current El Cert form.

Case Reviewer:Edward Eastburn

5/11/2020 Inspection - Documents Received: E-copy of P2F El Cert reviewed by F.R., hold released, F.R. notified surveyor to e-mail revised El Cert on the new form; surveyor stated he would send it over the weekend.



Case Reviewer:Edward Eastburn

5/11/2020 Inspection - Note: As of 12:53 PM, have not received e-copy of P2F EI Cert on new form.

Case Reviewer:Edward Eastburn

5/15/2020 Inspection - Note: As-built received

Case Reviewer:David Saba

4/28/2026 Inspection - Documents Approved: All documentation returned and approved. OK to close out

Case Reviewer:Philip Calabrese

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

Case Reviewer:Valerie Gonzales

P19FC00360
P19BP03619

ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1-9.

HR 518120

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 MD CONSTRUCTION INVESTMENTS, LLC, An Arizona limited liability company | | | | Policy Number: | |
| A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 7884 W Wolf Spider Pl | | | | Company NAIC Number: | |
| City Tucson | State Arizona | ZIP Code 85735 | | | |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Taxcode: 212391810 Township 14 S Range 12 e Section 32 critterland II lot 146 | | | | | |
| A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>RESIDENTIAL</u> | | | | | |
| A5. Latitude/Longitude: Lat. <u>32.17677</u> Long. - <u>111.13302</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. | | | | | |
| 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>NA</u> sq ft | | | | | |
| b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>NA</u> | | | | | |
| c) Total net area of flood openings in A8.b <u>NA</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>700</u> sq ft | | | | | |
| b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>NA</u> | | | | | |
| c) Total net area of flood openings in A9.b <u>NA</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//28/201 | 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 checked="" 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: <u>HANG=100.0</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, 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. 7884 W WOLF SPIDER PL | | | 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: HANG=100.00 FEET

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

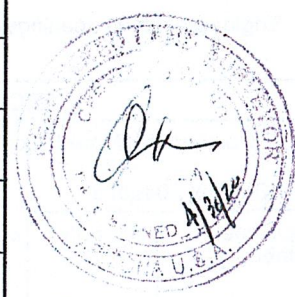

Check the measurement used.

- | | | | |
|---|-------|--|---------------------------------|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor) | 101.9 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| b) Top of the next higher floor | NA | <input type="checkbox"/> feet | <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | NA | <input type="checkbox"/> feet | <input type="checkbox"/> meters |
| d) Attached garage (top of slab) | 101.6 | <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) | 101.6 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | 101.0 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG) | 101.3 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | NA | <input type="checkbox"/> feet | <input type="checkbox"/> meters |

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 CHARLIE MORA | License Number 44674 |  <p style="text-align: center;">Expired 6/22</p> |
| Title OWNER | | |
| Company Name ARIZONA SURVEY | | |
| Address 24 W CAMELBACK RD | | |
| City PHOENIX | State Arizona | |
| Signature  | Date 05/06/2020 | Telephone 602-931-8293 |
| 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 A/C is above the elevation.
Highest adjacent natural grade is 100.0 Lowest adjacent natural grade is 99.0

ELEVATION CERTIFICATE

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| | | | |
|---|------------------|-------------------|----------------------------------|
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| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 7884 W Wolfspider Pl | | | 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

BUILDING PHOTOGRAPHS

Continuation Page

OMB No. 1660-0008
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| | | | |
|---|------------------|-------------------|----------------------------------|
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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

FRONT SIDE 4/28/2020

Photo Four

Photo Four Caption

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

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| | | | |
|---|------------------|-------------------|----------------------------------|
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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

LEFT SIDE VIEW 4/28/2020

Photo Two

Photo Two Caption

BUILDING PHOTOGRAPHS

Continuation Page

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ELEVATION CERTIFICATE

| | | | |
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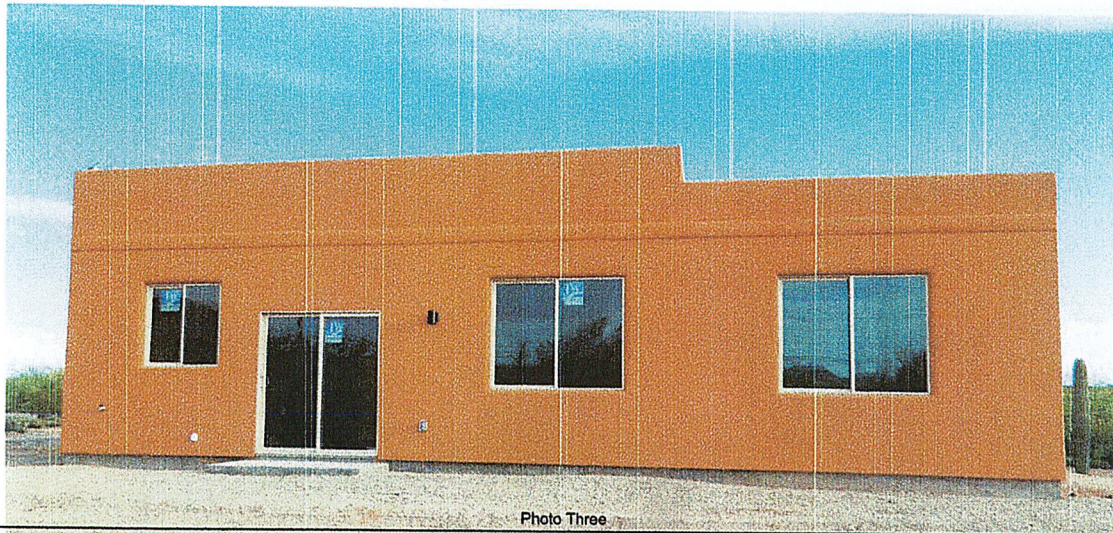


Photo Three

Photo Three Caption



REAR SIDE VIEW 4/28/2020

Photo Four

Photo Four Caption

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008

Expiration Date: November 30, 2018

| | | | |
|---|------------------|-------------------|----------------------------------|
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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.

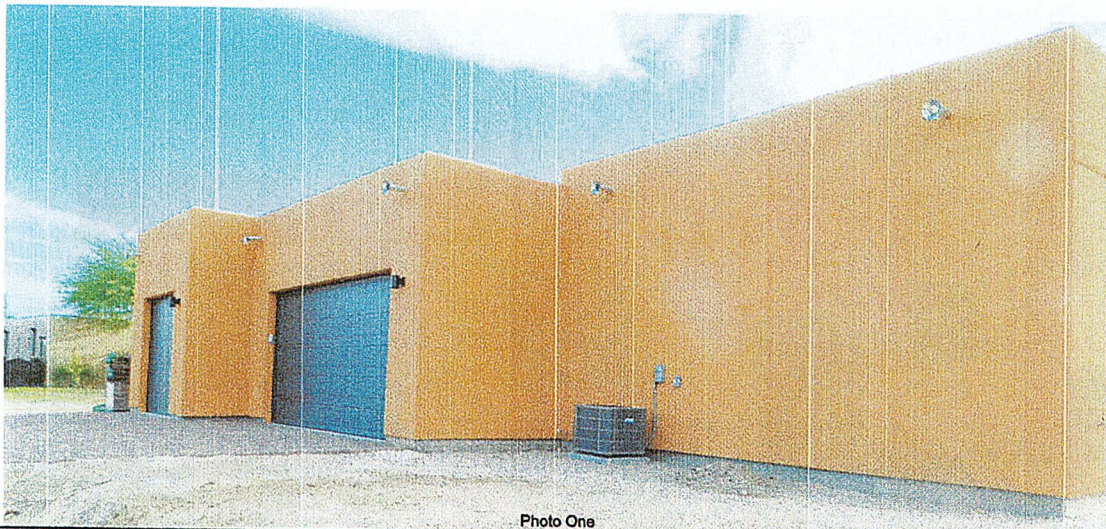


Photo One

Photo One Caption



RIGHT SIDE VIEW 4/28/2020

Photo Two

Photo Two Caption