



Floodplain Use Permit- Case History

RECORD: P20FC00519

Building/Floodplain Use Permit

Case Name:SFR

Issue: Custom single family residence

7/17/2020 Application Intake - Submitted: Application successfully submitted

Case Reviewer:Brandy Buford

7/21/2020 Review - Note: Compared FFE per Plat, land surface elevation and BFE based on location as mapped in the Lee Moore Wash Study. BFE of 0.5 ft most conservative.

Draft RFC + attachments for review.

Case Reviewer:Edward Eastburn

7/23/2020 Review - Note: Draft RFC review completed. Per disc w/engineering staff BFE checks.

Case Reviewer:Francisco Ramirez

7/23/2020 Review - Request for Corrections: Placed RFC + attach in todays out going mail & e-m applicant a copy.

Case Reviewer:Edward Eastburn

8/5/2020 Application Intake - Note: Received 2 pages of plan set. No corrections made, same as originals. E-m applicant to carefully read RFC letter, and make required changes to plans, then e-m EPE the revised plans for review.

Case Reviewer:Edward Eastburn

8/11/2020 Application Intake - Resubmit: Revised Site Plan & foundation plans received by e-m. OK, with some RFCD notations.

Case Reviewer:Edward Eastburn

8/11/2020 Review - Note: Draft conditions, corp covs & El Cert for approval. P2F hold for return of covs in-place.

Case Reviewer:Edward Eastburn



8/12/2020 Review - Approved: FPUP approved. D1FC1 plan set uploaded to DSD plan review folder.
Case Reviewer:Francisco Ramirez

8/13/2020 Issuance - Note: E-m applicant stamped FPUP & Corp Covs with instructions.
Case Reviewer:Edward Eastburn

8/17/2020 Issuance - Issued - Documents Required: Received completed FPUP with copy of complete corp covs by e-mail. P2F hold for covs in-place.
E-m applicant to mail corp covs.
Case Reviewer:Edward Eastburn

8/17/2020 Inspection - Note: 8/17/20 WAITING FOR GENERAL COV AND EL CERT TO BE RETURNED.
Case Reviewer:Deanna Reyes

8/21/2020 Inspection - Note: Original, completed covenants received.
Case Reviewer:Edward Eastburn

10/20/2020 Inspection - Note: P2S Elevation Certificate reviewed, OK, FFE at REF on back-filled stem wall; hold released, awaiting return of P2F El Cert.
Case Reviewer:Edward Eastburn

10/30/2020 Inspection - Note: Received the original P2S El Cert.
Case Reviewer:Edward Eastburn

2/26/2021 Inspection - Documents Approved: No Comments
Case Reviewer:Debbie Grijalva

2/26/2021 Close Out - Note: GENERAL COVENANT RETURNED AND RECORDED 9/9/2020
Case Reviewer:Debbie Grijalva

3/23/2021 Close Out - Note: E-copy of P2F Elevation Certificate reviewed, OK, FFE, SE, attached garage FF at or above the RFE on backfilled stem wall; hold released.
E-m surveyor to mail orig P2F El Cert to EPE.
Case Reviewer:Edward Eastburn

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



Case Reviewer:Philip Calabrese

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

Case Reviewer:Valerie Gonzales

FPUP # P20FC00519

DSD # P20BP04731

ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1-9.

HR 3/23/21

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 Barcelo Investments, LLC	Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 516 E. Drawdown Tr.	Company NAIC Number:
City Vail	State Arizona
	ZIP Code 85641
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Taxcode: 305-24-1920 Township 17 Range 15 Section 13 SANTA RITA BEL AIR ESTATES LOT 160	
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential: Single Family Residence	
A5. Latitude/Longitude: Lat. 32.95634 Long. -110.76154 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 1B	
A8. For a building with a crawlspace or enclosure(s):	
a) Square footage of crawlspace or enclosure(s) N/A sq ft	
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade N/A	
c) Total net area of flood openings in A8.b N/A 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 N/A sq ft	
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade N/A	
c) Total net area of flood openings in A9.b N/A 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 04019C3500	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 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: 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					

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. 516 E. Drawdown Tr.			Policy Number:
City Vail	State Arizona	ZIP Code 85641	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: N/A Vertical Datum: NAVD 88 N/A

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

NGVD 1929 NAVD 1988 Other/Source: 100.0' = H.A.N.G.

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

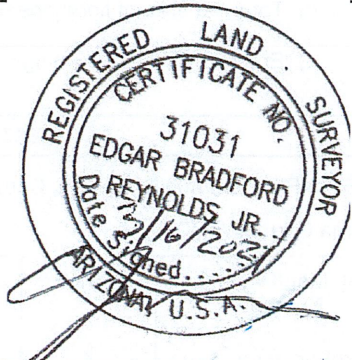
Check the measurement used.

- | | | | |
|---|--------------|--|---------------------------------|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor) | <u>101.7</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| b) Top of the next higher floor | <u>N/A</u> | <input type="checkbox"/> feet | <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | <u>N/A</u> | <input type="checkbox"/> feet | <input type="checkbox"/> meters |
| d) Attached garage (top of slab) | <u>101.5</u> | <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) | <u>101.5</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | <u>99.7</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG)
<small>PCRCD Note: Indicate lowest adjacent natural grade (LANG) in Section D.</small> | <u>101.2</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support
<small>PCRCD Note: Indicate highest adjacent natural grade (HANG) in Section D.</small> | <u>101.0</u> | <input checked="" 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 EDGAR B. REYNOLDS JR	License Number AZ RLS 31031		
Title LAND SURVEYOR			
Company Name EDGAR REYNOLDS AND ASSOCIATES			
Address 1926 W. CALLE MECEDORA			
City TUCSON	State Arizona	ZIP Code 85745	
Signature <i>Edgar Reynolds</i>	Date 03-16-2021	Telephone (520) 884-0292	Ext. EXPIRES 9/30/2022

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 and the FURNACE, WATER HEATER is/are above this elevation.

Highest adjacent natural grade is 100.0' Lowest adjacent natural grade is 99.5'

The elevation of the bottom of the structural frame of the manufactured home is N/A.
SINGLE STORY, SINGLE FAMILY RESIDENCE ON STEM WALL.

ELEVATION CERTIFICATE

OMB No. 1660-0008
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Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 516 E. Drawdown Tr.			Policy Number:
City Vail	State Arizona	ZIP Code 85641	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.

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

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

ELEVATION CERTIFICATE

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City Vail	State Arizona	ZIP Code 85641	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	516 E DRAWDOWN TR NW COR.	Clear Photo One
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Photo Two

Photo Two Caption	516 E DRAWDOWN TR NE COR	Clear Photo Two
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BUILDING PHOTOGRAPHS

ELEVATION CERTIFICATE

Continuation Page

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. 516 E. Drawdown Tr.			Policy Number:
City Vail	State Arizona	ZIP Code 85641	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	516 E DRAWDOWN TR SE COR	Clear Photo Three
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Photo Four

Photo Four Caption	516 E DRAWDOWN TR SW COR	Clear Photo Four
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