



## Floodplain Use Permit- Case History

**RECORD: P24FC01006**

Building/Floodplain Use Permit

**Case Name:**MHS

**Issue:** NEW 16 X 64 MANUFACTURED HOME & T400

12/18/2024 Application Intake - Submitted: Created from RFCD Review ad-hoc

Case Reviewer:Saadia Sajjad

12/30/2024 Review - Request for Corrections: EM applicant to move MH out of higher BFE to use State details. Auto EM that won't be back until 1/6/25

Case Reviewer:Rodrigo Morales

1/10/2025 Application Intake - Note: Property owner came to the counter and asked to replace the applicant/company with his name instead. The owner will no longer be working with the applicant/company due to lack of communication. I let him know about the RFC letter and the changes that would have to be made in order to meet FC requirements (moving MH to center portion of property). SS

Case Reviewer:Saadia Sajjad

1/17/2025 Application Intake - Resubmit: No Comments

Case Reviewer:Rodrigo Morales

1/17/2025 Review - Note: Applicant confirmed jack stands/break away skirting as elevation method

Case Reviewer:Rodrigo Morales

1/21/2025 Review - Supervisor Approval Review Requested: No Comments

Case Reviewer:Rodrigo Morales

1/22/2025 Supervisor Approval Review - Corrections Required: Corrections req'd: 1) D1FC1 needs to depict utility lines, septic and driveway location. 2) Condition FC-200 P2E is req'd. 3) Condition FC-310 P2F does not apply, need to remove. 4) Condition FC-412 date entered must reflect date P.E. seal was signed and not expiration date of seal. Re-review req'd via Teams.

Case Reviewer:Francisco Ramirez



1/23/2025 Review - Request for Corrections: EM applicant asking where utility lines, septic and driveway location. Included original septic permit site plan

Case Reviewer:Rodrigo Morales

1/27/2025 Application Intake - Resubmit: Applicant resubmit site plan w/ dwwy, septic, utilities

Case Reviewer:Rodrigo Morales

1/27/2025 Review - Supervisor Approval Review Requested: No Comments

Case Reviewer:Rodrigo Morales

1/29/2025 Supervisor Approval Review - Approved: D1FC1 uploaded to DSD

Case Reviewer:Francisco Ramirez

1/31/2025 Issuance - Issued - Documents Required: Owner signed FPUP & covs at counter

Case Reviewer:Rodrigo Morales

2/10/2025 Documents - Note: 1/31/25 WAITING FOR EL CERT AND COVS (RM)

Case Reviewer:Deanna Reyes

2/26/2025 Documents - Note: Applicant came to counter for septic permit. He showed Development services paperwork septic not authorized. Advised that Accela shows nothing of the kind & to go to DS. Printed detail sheets on jack stands installation

Case Reviewer:Rodrigo Morales

10/16/2025 Documents - Note: Applicant came to counter with engineered plans after getting rejected by State. DSD initiated a revision - RFCDD requirements still being met - revised plans stamped and revision record approved.

Case Reviewer:Stefanie Matthews

5/5/2026 Documents - Documents Received: P2E-El-cert reviewed and approved. LSM = 1.5' above BFE.  
IC 5/5/2026

Case Reviewer:Irene Castillo

5/5/2026 Documents - Documents Approved: All required docs returned

Case Reviewer:Irene Castillo



5/6/2026 Close Out - Note: 5/5/26 WAITING FOR EL CERT (IC)  
Case Reviewer:Deanna Reyes

5/19/2026 Close Out - Complete: No Comments  
Case Reviewer:Valerie Gonzales

Floodplain Use Permit: P24FC01006  
 Building Permit: P24BP10806

**ELEVATION CERTIFICATE**

**IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON PAGES 9-19**

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: <u>Roger Hudman</u> A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: <u>9634 W Picture Rocks Rd</u>	Policy Number: _____ Company NAIC Number: _____
City: <u>Tucson</u> State: <u>AZ</u> ZIP Code: <u>85743</u>	
A3. Property Description (e.g., Lot and Block Numbers or Legal Description) and/or Tax Parcel Number: <u>S272.72' E660.31' N1305.56' 4.13AC SEC 1-13-11 / APN 212-01-111P</u>	
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.): <u>Manufactured Home - Single Family Residence</u>	
A5. Latitude/Longitude: Lat. <u>32.324916° N</u> Long. <u>111.172356° W</u> Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983 <input type="checkbox"/> WGS 84	
A6. Attach at least two and when possible four clear photographs (one for each side) of the building (see Form pages 7 and 8).	
A7. Building Diagram Number: <u>5</u>	
A8. For a building with a crawlspace or enclosure(s): a) Square footage of crawlspace or enclosure(s): <u>1,024.00</u> sq. ft. See Section D - comment notes b) Is there at least one permanent flood opening on two different sides of each enclosed area? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A c) Enter number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade: Non-engineered flood openings: <u>N/A</u> Engineered flood openings: <u>N/A</u> d) Total net open area of non-engineered flood openings in A8.c: <u>N/A</u> sq. in. e) Total rated area of engineered flood openings in A8.c (attach documentation – see Instructions): <u>N/A</u> sq. ft. f) Sum of A8.d and A8.e rated area (if applicable – see Instructions): <u>N/A</u> sq. ft.	
A9. For a building with an attached garage: a) Square footage of attached garage: <u>N/A</u> sq. ft. b) Is there at least one permanent flood opening on two different sides of the attached garage? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A c) Enter number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade: Non-engineered flood openings: <u>N/A</u> Engineered flood openings: <u>N/A</u> d) Total net open area of non-engineered flood openings in A9.c: <u>N/A</u> sq. in. e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions): <u>N/A</u> sq. ft. f) Sum of A9.d and A9.e rated area (if applicable – see Instructions): <u>N/A</u> sq. ft.	

**SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION**

B1.a. NFIP Community Name: <u>Pima County Unincorporated Area</u> B1.b. NFIP Community Identification Number: <u>040073</u>	
B2. County Name: <u>Pima County</u> B3. State: <u>AZ</u> B4. Map/Panel No.: <u>04019C1650</u> B5. Suffix: <u>L</u>	
B6. FIRM Index Date: <u>06/16/2011</u> B7. FIRM Panel Effective/Revised Date: <u>06/16/2011</u>	
B8. Flood Zone(s): <u>X</u> B9. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth): <u>0.5 FT</u>	
B10. Indicate the source of the BFE data or Base Flood Depth entered in Item B9: <input type="checkbox"/> FIS <input type="checkbox"/> FIRM <input checked="" type="checkbox"/> Community Determined <input type="checkbox"/> Other: _____	
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</u> H.A.N.G = <u>2417.7 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: <u>N/A</u> <input type="checkbox"/> CBRS <input type="checkbox"/> OPA	
B13. Is the building located seaward of the Limit of Moderate Wave Action (LiMWA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

W49675001.05

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City: <u>Tucson</u> State: <u>AZ</u> ZIP Code: <u>85743</u>	Policy Number: _____
	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, AO, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO, A99. Complete Items C2.a–h below according to the Building Diagram specified in Item A7. In Puerto Rico only, enter meters.  
Benchmark Utilized: RA11 Vertical Datum: NAD 88

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

NGVD 1929  NAVD 1988  Other: \_\_\_\_\_

Datum used for building elevations must be the same as that used for the BFE. Conversion factor used?  Yes  No

If Yes, describe the source of the conversion factor in the Section D Comments area.

Check the measurement used:

- |   |                 |  |
|---|-----------------|--|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor):  | <u>2,418.00</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| b) Top of the next higher floor (see Instructions):   | <u>2,421.20</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (see Instructions):  | <u>2,419.70</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| d) Attached garage (top of slab):   | <u>N/A</u>      | <input type="checkbox"/> feet <input type="checkbox"/> meters            |
| e) Lowest elevation of Machinery and Equipment (M&E) servicing the building (describe type of M&E and location in Section D Comments area): | <u>2,419.70</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| f) Lowest Adjacent Grade (LAG) next to building: <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Finished              | <u>2,417.70</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| g) Highest Adjacent Grade (HAG) next to building: <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Finished             | <u>2,418.00</u> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| h) Finished LAG at lowest elevation of attached deck or stairs, including structural support:   | <u>2,417.70</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 state 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 and describe in the Comments area.

Certifier's Name: Esmeralda S. Ayala-Martinez License Number: 64599

Title: Civil Engineer

Company Name: E^2 Construction Engineering, LLC

Address: 4819 S Bent Saguaro Ln

City: Tucson State: AZ ZIP Code: 85746

Signature:  Date: 05/04/2026

Telephone: (520) 603-5832 Ext.: \_\_\_\_\_ Email: sarina.m@e2coneng.com

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

Comments (including source of conversion factor in C2; type of equipment and location per C2.e; and description of any attachments):

The highest adjacent natural grade (H.A.N.G) is 2,417.7 ft. The lowest adjacent natural grade elevation is 2,415.4 ft.  
X-Zone Base Flood Depth is 0.5 ft, so the Regulatory Flood Depth is 1.5 ft. The BFE is 2,418.2 ft (H.A.N.G + 0.5ft), and the RFE is 2,419.2 ft.  
C2.e - The lowest proposed service equipment is the AC unit at elevation of 2,419.7 ft (raised 1.5 ft above the BFE). All other equipment is shall be above the AC unit elevation. The elevation of the bottom of the Manufactured Home I-beam is 2,419.7 (raised 1.5 ft above the BFE and 0.5 ft above the RFE).  
The home's crawl space is open with no obstructions below the elevated floor at the time of the inspection.  
Top of fill pad: The highest adjacent finished grade elevation is 2,418 ft. The lowest adjacent finished grade elevation is 2,417.7 ft.



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## SECTION E – BUILDING MEASUREMENT INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO, ZONE AR/AO, AND ZONE A (WITHOUT BFE)

For Zones AO, AR/AO, and A (without BFE), complete Items E1–E5. For Items E1–E4, use natural grade, if available. If the Certificate is intended to support a Letter of Map Change request, complete Sections A, B, and C. Check the measurement used. In Puerto Rico only, enter meters.

Building measurements are based on:  Construction Drawings\*  Building Under Construction\*  Finished Construction  
\*A new Elevation Certificate will be required when construction of the building is complete.

- E1. Provide measurements (C.2.a in applicable Building Diagram) for the following and check the appropriate boxes to show whether the measurement is above or below the natural HAG and the 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 (C2.b in applicable Building Diagram) 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 AUTHORIZED REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without BFE) or Zone AO must sign here. *The statements in Sections A, B, and E are correct to the best of my knowledge*

Check here if attachments and describe in the Comments area.

Property Owner or Owner's Authorized Representative Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Telephone: \_\_\_\_\_ Ext.: \_\_\_\_\_ Email: \_\_\_\_\_

Comments: \_\_\_\_\_

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9634 W Picture Rocks Rd

City: Tucson State: AZ ZIP Code: 85743

**FOR INSURANCE COMPANY USE**

Policy Number: \_\_\_\_\_

Company NAIC Number: \_\_\_\_\_

## SECTION G – COMMUNITY INFORMATION (RECOMMENDED FOR COMMUNITY OFFICIAL COMPLETION)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign below when:

- 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 state law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2.a.  A local official completed Section E for a building located in Zone A (without a BFE), Zone AO, or Zone AR/AO, or when item E5 is completed for a building located in Zone AO.
- G2.b.  A local official completed Section H for insurance purposes.
- G3.  In the Comments area of Section G, the local official describes specific corrections to the information in Sections A, B, E and H.
- G4.  The following information (Items G5–G11) is provided for community floodplain management purposes.
- G5. Permit Number: \_\_\_\_\_ G6. Date Permit Issued: \_\_\_\_\_
- G7. Date Certificate of Compliance/Occupancy Issued: \_\_\_\_\_
- G8. This permit has been issued for:  New Construction  Substantial Improvement
- G9.a. Elevation of as-built lowest floor (including basement) of the building: \_\_\_\_\_  feet  meters Datum: \_\_\_\_\_
- G9.b. Elevation of bottom of as-built lowest horizontal structural member: \_\_\_\_\_  feet  meters Datum: \_\_\_\_\_
- G10.a. BFE (or depth in Zone AO) of flooding at the building site: \_\_\_\_\_  feet  meters Datum: \_\_\_\_\_
- G10.b. Community's minimum elevation (or depth in Zone AO) requirement for the lowest floor or lowest horizontal structural member: \_\_\_\_\_  feet  meters Datum: \_\_\_\_\_
- G11. Variance issued?  Yes  No If yes, attach documentation and describe in the Comments area.

The local official who provides information in Section G must sign here. *I have completed the information in Section G and certify that it is correct to the best of my knowledge. If applicable, I have also provided specific corrections in the Comments area of this section.*

Local Official's Name: \_\_\_\_\_ Title: \_\_\_\_\_

NFIP Community Name: \_\_\_\_\_

Telephone: \_\_\_\_\_ Ext.: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Comments (including type of equipment and location, per C2.e; description of any attachments; and corrections to specific information in Sections A, B, D, E, or H):

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	Company NAIC Number: _____

## SECTION H – BUILDING'S FIRST FLOOR HEIGHT INFORMATION FOR ALL ZONES (SURVEY NOT REQUIRED) (FOR INSURANCE PURPOSES ONLY)

The property owner, owner's authorized representative, or local floodplain management official may complete Section H for all flood zones to determine the building's first floor height for insurance purposes. Sections A, B, and I must also be completed. Enter heights to the nearest tenth of a foot (nearest tenth of a meter in Puerto Rico). **Reference the Foundation Type Diagrams (at the end of Section H Instructions) and the appropriate Building Diagrams (at the end of Section I Instructions) to complete this section.**

H1. Provide the height of the top of the floor (as indicated in Foundation Type Diagrams) above the Lowest Adjacent Grade (LAG):

a) For Building Diagrams 1A, 1B, 3, and 5–9. Top of bottom \_\_\_\_\_  feet  meters  above the LAG floor (include above-grade floors only for buildings with subgrade crawlspaces or enclosure floors) is:

b) For Building Diagrams 2A, 2B, 4, and 6–9. Top of next higher floor (i.e., the floor above basement, crawlspace, or enclosure floor) is: \_\_\_\_\_  feet  meters  above the LAG

H2. Is **all** Machinery and Equipment servicing the building (as listed in Item H2 instructions) elevated to or above the floor indicated by the H2 arrow (shown in the Foundation Type Diagrams at end of Section H instructions) for the appropriate Building Diagram?

Yes  No

## SECTION I – PROPERTY OWNER (OR OWNER'S AUTHORIZED REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and H must sign here. *The statements in Sections A, B, and H are correct to the best of my knowledge.* Note: If the local floodplain management official completed Section H, they should indicate in Item G2.b and sign Section G.

Check here if attachments are provided (including required photos) and describe each attachment in the Comments area.

Property Owner or Owner's Authorized Representative Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Telephone: \_\_\_\_\_ Ext.: \_\_\_\_\_ Email: \_\_\_\_\_

Comments:

**ELEVATION CERTIFICATE**  
**IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON PAGES 9-19**  
**BUILDING PHOTOGRAPHS**

See Instructions for Item A6.

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Instructions: Insert below at least two and when possible four photographs showing each side of the building (for example, may only be able to take front and back pictures of townhouses/rowhouses). Identify all photographs with the date taken and "Front View," "Rear View," "Right Side View," or "Left Side View." Photographs must show the foundation. When flood openings are present, include at least one close-up photograph of representative flood openings or vents, as indicated in Sections A8 and A9.



Photo One

Photo One Caption:	Front View Facing Northeast - Photo Taken on 5/1/2026	<input type="button" value="Clear Photo One"/>
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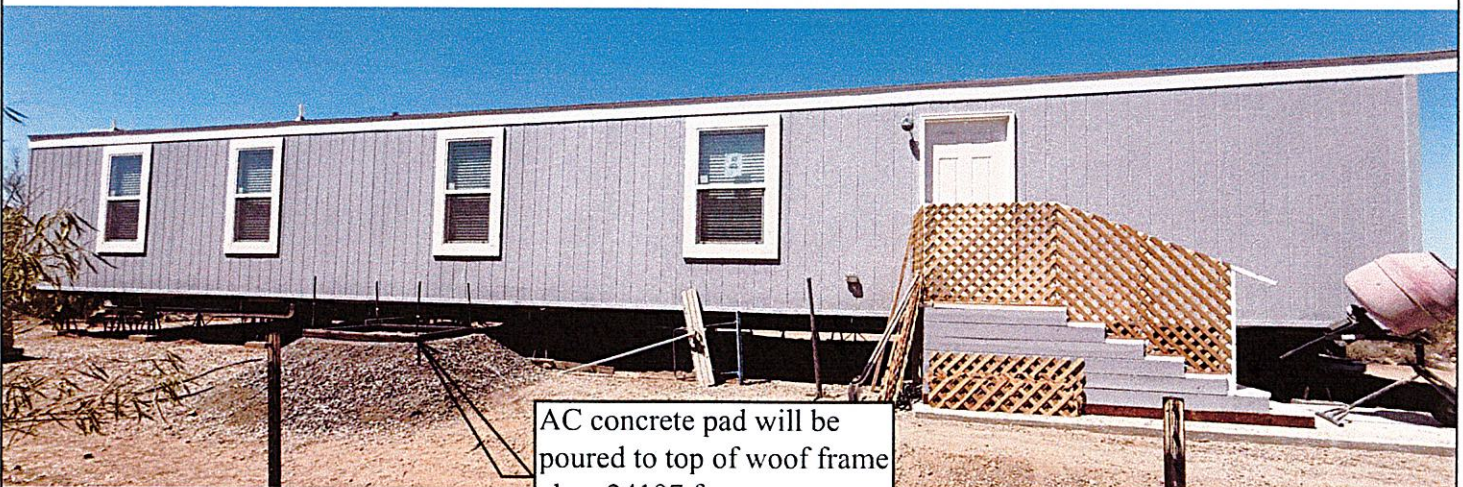


Photo Two

Photo Two Caption:	Rear View Facing Southeast - Photo Taken on 5/1/2026	<input type="button" value="Clear Photo Two"/>
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**ELEVATION CERTIFICATE**  
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**BUILDING PHOTOGRAPHS**

Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.:  
9634 W Picture Rocks Rd

**FOR INSURANCE COMPANY USE**

City: Tucson State: AZ ZIP Code: 85743

Policy Number: \_\_\_\_\_

Company NAIC Number: \_\_\_\_\_

Insert the third and fourth photographs below. Identify all photographs with the date taken and "Front View," "Rear View," "Right Side View," or "Left Side View." When flood openings are present, include at least one close-up photograph of representative flood openings or vents, as indicated in Sections A8 and A9.

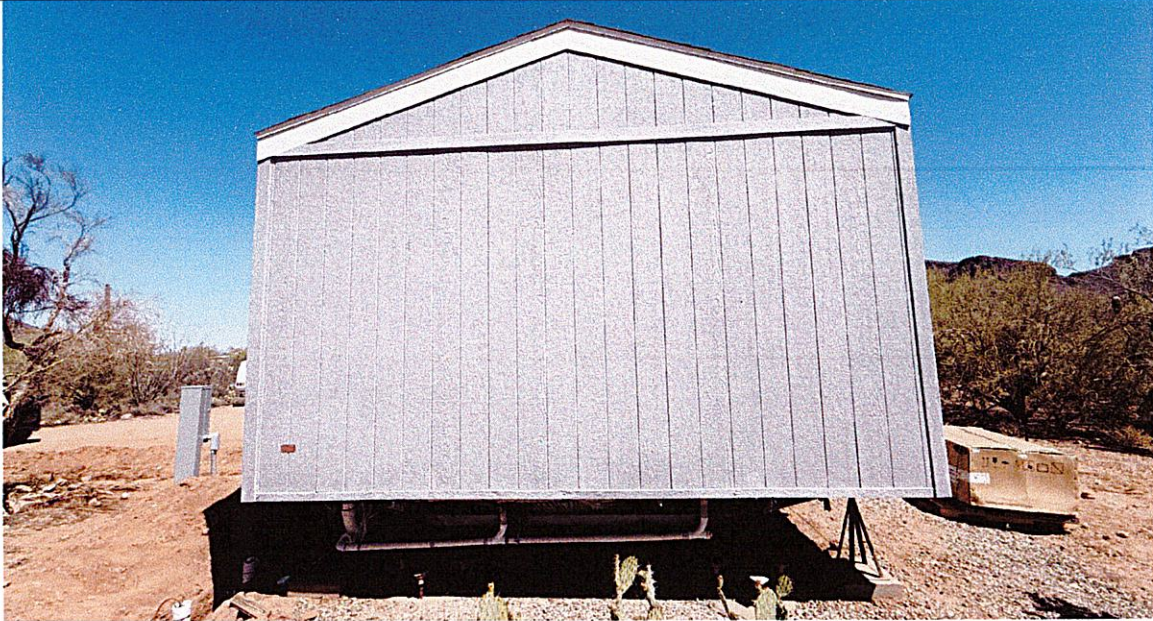


Photo Three

Photo Three Caption:

Side View Facing Northwest Photo Taken on 5/1/2026

Clear Photo Three



Photo Four

Photo Four Caption:

Side View Facing Southwest - Photo Taken on 5/1/2026

Clear Photo Four