

GENERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires July 31, 2002

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 5.

SECTION A - PROPERTY OWNER INFORMATION		For Insurance Company Use:	
BUILDING OWNER'S NAME <u>Dwayne Landry</u>		Policy Number	
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. <u>17088 BOB WHITE RD</u>		Company NAIC Number	
CITY <u>SPRING VALLEY</u>	STATE <u>AZ</u>	ZIP CODE <u>86333</u>	
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <u>LOT 716-717 500-03-723-A</u>			
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use comments section if necessary.) <u>Residential</u>			
LATITUDE/LONGITUDE (OPTIONAL) (##°-##'-###" or ###.####")		HORIZONTAL DATUM: SOURCE: <input type="checkbox"/> GPS (Type: _____) <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983 <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other: _____	

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER <u>040093 Yavapai County</u>		B2. COUNTY NAME <u>Yavapai</u>		B3. STATE <u>AZ</u>	
B4. MAP AND PANEL NUMBER <u>1505</u>	B5. SUFFIX <u>B</u>	B6. FIRM INDEX DATE <u>3-9-99</u>	B7. FIRM PANEL EFFECTIVE/REVISED DATE <u>8-19-85</u>	B8. FLOOD ZONE(S) <u>A8</u>	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) <u>3921.8</u>

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9.

☒ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe: _____)

B11. Indicate the elevation datum used for the BFE in B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe: _____)

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date: _____

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. Building Diagram Number 8 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 4 and 5. If no diagram accurately represents the building, provide a sketch or photograph.)

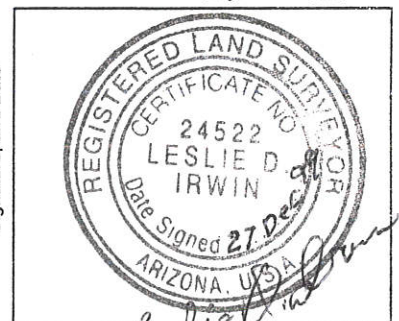
C3. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO
Complete Items C3a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.

Datum R.M. 75 Conversion/Comments 3867.61

Elevation reference mark used 3924.35 Does the elevation reference mark used appear on the FIRM? ☒ Yes ☐ No

- ☐ a) Top of bottom floor (including basement or enclosure) 3925.5 ft.(m)
- ☐ b) Top of next higher floor 3927.1 ft.(m)
- ☐ c) Bottom of lowest horizontal structural member (see section D) 3927.9 ft.(m)
- ☐ d) Attached garage (top of slab) _____ ft.(m)
- ☐ e) Lowest elevation of machinery and/or equipment servicing the building _____ ft.(m)
- ☐ f) Lowest adjacent grade (LAG) 3925.5 ft.(m)
- ☐ g) Highest adjacent grade (HAG) 3925.9 ft.(m)
- ☐ h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade _____
- ☐ i) Total area of all permanent openings (flood vents) in C3h _____ sq. in. (sq. cm)

License Number, Embossed Seal, Signature, and Date



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 in Sections A, B, and C 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.

CERTIFIER'S NAME <u>Leslie D. Irwin</u>		LICENSE NUMBER <u>LS 24522</u>	
TITLE <u>Owner</u>	COMPANY NAME <u>A.T.M.</u>	CITY <u>Mayer</u>	STATE <u>AZ</u>
ADDRESS <u>15831 Chestnut Lane</u>	CITY <u>Mayer</u>	STATE <u>AZ</u>	ZIP CODE <u>86333</u>
SIGNATURE <u>Leslie D. Irwin</u>	DATE <u>8-Dec-99</u>	TELEPHONE <u>632-7632</u>	

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.			Policy Number
CITY	STATE	ZIP CODE	Company NAIC Number
17088 BOB WHITE RD.	AZ	86333	
SPRING VALLEY			

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

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

COMMENTS

Home is manufactured home, part C of section C3 refers to the bottom of the structural frame of the home.

☐ Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONES AO and A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1 through E3. If the Elevation Certificate is intended for use as supporting information for a LOMA or LOMR-F, Section C must be completed.

E1. Building Diagram Number _____ (Select the building diagram most similar to the building for which this certificate is being completed – see pages 4 and 5. If no diagram accurately represents the building, provide a sketch or photograph.)

E2. The top of the bottom floor (including basement or enclosure) of the building is _____ ft.(m) _____ in.(cm) _____ above or _____ below (check one) the highest adjacent grade.

E3. For 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.

PROPERTY OWNER'S OR OWNER'S AUTHORIZED REPRESENTATIVE'S NAME

ADDRESS CITY STATE ZIP CODE

SIGNATURE DATE TELEPHONE

COMMENTS

☐ Check here if attachments

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. Check the applicable box(es) and sign below.

G1. ☐ The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local 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-G9) 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 is: _____ ft.(m) Datum: _____

G9. BFE or (in Zone AO) depth of flooding at the building site is: _____ ft.(m) Datum: _____

LOCAL OFFICIAL'S NAME TITLE

COMMUNITY NAME TELEPHONE

SIGNATURE DATE

COMMENTS

☐ Check here if attachments

Yavapai County Flood Control District

District Director
Kenneth E. Spedding



Board of Directors
A.G. "Chip" Davis, Chairman
Gheral Brownlow, Member
John Olsen, Member

December 23, 1999

Leslie D. Irwin, R.L.S.
A.I.M. Surveying
15831 Chestnut Lane
Mayer, AZ 86333

Re: Elevation Certificates for Parcels 500-03-723A (Dwayne Landley) and 502-10-060D (Paul and Luann Sparks)

Dear Mr. Irwin:

The Flood Control District recently received the Elevation Certificates (E.C.) you completed for the two referenced parcels and it appears there has been some misunderstanding regarding the manner in which the forms are to be completed. This letter is an attempt to better explain the way the District and FEMA would like you to complete the Certificate so that hopefully we can avoid problems in the future.

To begin, you need only complete Sections C and D (and/or E and F) of the E.C. While the District appreciates any attempts by surveyors to complete Sections A and B, we have found that we generally receive more incorrect data than correct data in these fields and thus would prefer to complete it ourselves. When you certify the E.C., you are only doing so on the sections you personally complete, so the District does not mind if a certificate comes in unfinished in areas we can complete. We are most concerned about the elevation data in Section C being accurate. Be aware that we do need to know which property the E.C. applies to, therefore, please make reference to the Assessor's Parcel Number on the transmittal sheet or in the appropriate place on the E.C. so that the document can be properly filed.

When filling out Section C of the E.C., it is important to follow the directions furnished with the form. The two elevation certificates are lacking significant information in Section C, which is why I am writing this letter. First of all, you have not completed Section C1 on either E.C. submitted. This seems to be obvious to us, but it is something you are certifying, so we feel it is important for you to complete it. Second, the Building Diagram Number in Section C2 is also very important as it determines exactly how the home is constructed on the property and what elevation information is necessary to

complete Section C3. If you look at the example Building Diagrams in the E.C. instructions, it clearly calls out which elevation points are necessary to include in Section C3 depending on the Diagram Number. For example, for Building Diagram Number 6, parts a, b, c, f, and g of Section C3 must be completed *at a minimum* to effectively represent this home. Other parts may also be necessary depending on the specific situation.

Also, the elevation reference mark used needs to be identified and included within Section C3. This is not included in either of the referenced submittals, except for where you included it in the comments in Section D.

Lastly, there appears to have been a major misunderstanding of how to complete the E.C. when it applies to a manufactured home. You have made the note "See Section D" in Section C3 of the two referenced E.C.'s. In Section D, you have then declared that the structure is a mobile home and have given the elevation of the lowest structural member. This is not how the District (and FEMA) needs to have this information presented.

As you are aware, the District regulates manufactured homes to the elevation of the bottom of the structural frame; this is a State requirement. Because the E.C. does not have a line in Section C3 specifically calling for the elevation of the bottom of the structural frame, the District and the State coordinator had to come up with an acceptable methodology to represent these cases. Part c. of Section C3 of the E.C. requests the elevation of the "Bottom of lowest horizontal structural member" and then states that this is for "V Zones only". Arizona does not have any V Zones, as these only apply to coastal flooding areas. So, the District requests that when you are filling out an E.C. for a manufactured home, you fill in part c. of Section C3 with the elevation of the bottom of the structural frame. When you do this, please put a line through the part where it says "V Zones only" and write above it: "See Section D." Then go to Section D and write: "Home is a manufactured home, part c of Section C3 refers to the elevation of the bottom of the structural frame of the home."

Furthermore, you have chosen Building Diagram Number 5 to represent the two manufactured homes on the referenced parcels. The District's understanding is that Diagram 5 typically represents a home elevated on posts or piers which are then left open to the flow of floodwaters. Generally, *Building Diagram Number 8 is used to represent manufactured homes*, as long as part c. of Section C3 is completed. This is because most manufactured homes have a crawl space beneath them for hooking up utilities, and then have some sort of perimeter wall or skirting to enclose this area. This perimeter wall or

skirting may or may not have openings, as shown in Diagram 8 in the E.C. instructions. When a structure is represented by Building Diagram Number 8, parts a, b, f, and g of Section C3 are completed. Additionally, if the structure is a manufactured home, part c is completed with the comment in Section D as stated in the paragraph above, and if there are openings in the wall or skirting, parts h & i are also completed.

By following FEMA's instructions within the Elevation Certificate, we hope that surveyors like yourself can eventually become comfortable with these new requirements. I realize that this form is much more complex than our older "as-built" forms, but it reflects a change in FEMA regulations and the end result is a better document, which accurately reflects the situation of a home in the floodplain.

I hope this helps to better clarify what FEMA requires from you on these Elevation Certificates. My recommendation is to carefully review the instructions when filling out these forms to make sure they are being correctly completed. Please be aware that if the E.C. is incorrectly completed, FEMA may reject the document, which would create unnecessary insurance complications for the property owner. If you want the District to complete Sections A and B for you and supply a completed copy of the Certificate to the owner and/or insurance company, please tell us and give us the pertinent addresses or fax numbers. Once we all get a better feel for the process, I am hoping this will be much easier.

I am returning the two referenced Elevation Certificates to you so that revised copies can be submitted with the proper information. Please contact the District office if you have any further questions or need more clarification on this matter. Thank you for your time.

Sincerely,

YAVAPAI COUNTY FLOOD CONTROL DISTRICT

A handwritten signature in black ink, appearing to read "Daniel A. Cherry". The signature is fluid and cursive, with the first name "Daniel" and last name "Cherry" being clearly distinguishable.

Daniel A. Cherry
Hydrologist

DAC/jp

L/IrwinEC

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires July 31, 2002

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 5.

SECTION A - PROPERTY OWNER INFORMATION

BUILDING OWNER'S NAME <u>Dwayne Landry</u>		For Insurance Company Use: Policy Number	
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. <u>17088 Bob White Rd</u>		Company NAIC Number	
CITY <u>Spring Valley</u>	STATE <u>AZ</u>	ZIP CODE <u>86333</u>	
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <u>Lot 716-717 500-03-724A</u>			
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use comments section if necessary.) <u>Residential 723A</u>			
LATITUDE/LONGITUDE (OPTIONAL) (##°-##'-##" or ##.####)		HORIZONTAL DATUM: SOURCE: <input type="checkbox"/> GPS (Type: _____) <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983 <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other: _____	

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER <u>040093 Yavapai Co.</u>		B2. COUNTY NAME <u>Yavapai County</u>		B3. STATE <u>AZ</u>	
B4. MAP AND PANEL NUMBER <u>1505</u>	B5. SUFFIX <u>B</u>	B6. FIRM INDEX DATE <u>3-9-99</u>	B7. FIRM PANEL EFFECTIVE/REVISED DATE <u>8-19-85</u>	B8. FLOOD ZONE(S) <u>A8</u>	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) <u>3921.8</u>

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9.
☒ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe: _____)

B11. Indicate the elevation datum used for the BFE in B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe: _____)

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
 Designation Date: _____

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

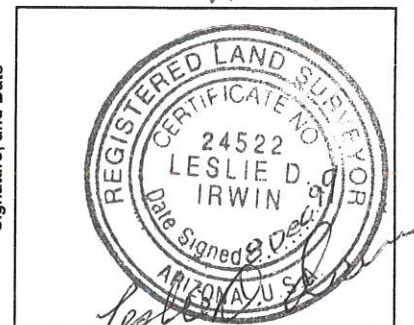
C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☐ Finished Construction
 *A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number 5 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 4 and 5. If no diagram accurately represents the building, provide a sketch or photograph.)

C3. 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 C3a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.
 Datum RM 75 Conversion/Comments 3867.61
 Elevation reference mark used 3924.75 Does the elevation reference mark used appear on the FIRM? ☒ Yes ☐ No

<input type="checkbox"/> a) Top of bottom floor (including basement or enclosure)	_____ ft.(m)
<input type="checkbox"/> b) Top of next higher floor	_____ ft.(m)
<input type="checkbox"/> c) Bottom of lowest horizontal structural member (V zones only)	<u>3927.9</u> ft.(m)
<input type="checkbox"/> d) Attached garage (top of slab)	_____ ft.(m)
<input type="checkbox"/> e) Lowest elevation of machinery and/or equipment servicing the building	_____ ft.(m)
<input type="checkbox"/> f) Lowest adjacent grade (LAG)	<u>3925.5</u> ft.(m)
<input type="checkbox"/> g) Highest adjacent grade (HAG)	_____ ft.(m)
<input type="checkbox"/> h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade	_____
<input type="checkbox"/> i) Total area of all permanent openings (flood vents) in C3h	_____ sq. in. (sq. cm)

License Number, Embossed Seal, Signature, and Date



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 in Sections A, B, and C 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.

CERTIFIER'S NAME <u>Leslie D. Irwin</u>	LICENSE NUMBER <u>L.S. 24522</u>
TITLE <u>Surveyor</u>	COMPANY NAME <u>A.I.M.</u>
ADDRESS <u>15831 Chestnut Lane</u>	CITY <u>Mayer</u> STATE <u>Co.</u> ZIP CODE <u>86333</u>
SIGNATURE <u>Leslie D. Irwin</u>	DATE <u>8 Dec. 99</u> TELEPHONE <u>632-7632</u>

Revised
-DAC
per review plotting

YAVAPAI COUNTY FLOOD CONTROL DISTRICT
500 S. Marina St., Prescott, AZ 86303 (520) 771-3196 FAX 771-3427
10 South St., Cottonwood, AZ 86326 (520) 639-8151 FAX 639-8155
RESPONSE TO FLOOD HAZARD STATUS REQUEST

7234

Date: 11-29-99

Parcel: 500-03-723A

Name: SIEGLER, ROB
Company: AM. FAMILY INS.
Address:
Tele. #: 623-214-9112 FAX
Mailed:
Lot & Subd: SPRING VALLEY, LOT 717
Sec/Twp/Rng: 9-11N-2E
Panel #: 37/1505 Chkd by: MM

Comments: SPECIAL BUILDING/SEPTIC REQUIREMENTS MAY APPLY..

FOR OFFICE USE:	Yavapai County	Clarkdale	Chino Valley	Sedona	Camp Verde
Community #:	#040093	#040095 ()	#040094 ()	#040130 ()	#040131 ()
FIRM Index Dates:	3/9/99	12/1/82	5/4/92	8/19/85	12/19/97
PBP:	2-16-96	FP Check:	2	File: (yes)	(no)

In response to your inquiry concerning the flood hazard status on the parcel referenced above, the District can supply the following information. The information supplied relates only to flood hazard areas formally designated by the Federal Emergency Management Agency (FEMA) and/or the Flood Control District for major watercourses. The parcel may still be subject to localized flooding from undesignated watercourses. A minimum setback of 20 feet from the top bank of any watercourse and any of the present zoning and subdivision regulations apply to all parcels. The flood hazard area may extend beyond the 20 foot setback from a watercourse, which may require further building requirements. This determination can be made at the time of the building permit application or upon a special request for a field investigation of the building site. The Environmental Services Division also has regulations regarding construction near watercourses. NOTE 1: If the property is in a special flood hazard area, FEMA designated Zone A, Federal law requires that a flood insurance policy be obtained as a condition of a federally-backed mortgage or loan that is secured by the building. NOTE 2: The District reserves the right to modify, update, or otherwise revise this flood status.

☒ Special Building/Septic requirement may/will apply. Please contact the District for requirements

The following are FEMA designated zones with approximate percentages. (for any further constraints or District determined flood hazard designation please see COMMENTS)

☒ The parcel is within a designated flood hazard Zone A area for which floodways have been established.

_____ % within floodway (area of highest hazard)

80 % within floodfringe.

☐ The parcel is within a designated flood hazard Zone A established by approximate methods where base flood elevations and flood hazard factors are not established.

_____ % within Zone A

☒ The parcel lies either in Zone B or X (area subject to inundation by the 500 year flood or areas of 100 year flood less than one foot depth) or in Zone C or X (area outside any FEMA designated flood hazard area; however, the area may be subject to localized flooding).

_____ % Zone B / X

20 % Zone C / X

☐ The parcel lies in a Zone D. Zone D is considered to be an area of undetermined but possible flood hazard.

Construction on the parcel will be subject to specific regulations if the parcel is located either partially or entirely within a designated flood hazard area or affected by a tributary drainage area greater than 80 acres. Please contact the District for copies of the applicable regulations.