ELEVATION CERTIFICATE

FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE PROGRAM

OMB 3067-007
EXPIRES: JUNE 30 1960

This form is to be used for: 1) Post-FIRM construction only when the base flood information is available for the building site; and 2) Pre-FIRM buildings rated using Post-FIRM rules. Instructions for completing this form can be found on the reverse side.

BUILDING OWNER'S NAME

POLICY NUMBER

STREET ADDRESS
2089 N. Sweetwater Dr.

Apt.-A/Unit-U Suite-S/Bldg.-B NO. ROUTE BOX NUMBER

CASA GRANDE LAKES - TRACT C LOT 6

OTHER DESCRIPTION (Block and lot numbers., etc.)

CASA GRANDE — AZ

CITY STATE ZIP CODE

This form is to be completed by a land surveyor, engineer, or architect who is authorized by state law to certify elevation information when the elevation information for zones A1-A30, AE, AH, A(with BFE), V1-V30, VE, and V(with BFE) is required. In the case of zone AO, the building official, the property owner, or the owner's representative should complete the information in Section I and may also complete the certification. Community officials who are authorized by local law or ordinance to provide floodplain management information may also complete this form.

SECTION I BUILDING ELEVATION INFORMATION

1. Using the Flood Insurance Manual or the NFIP Flood Insurance Application—Part 2 Worksheet, indicate the proper diagram number___
2. FIRM Zones A1-A30, AE, AH, and A (with BFE). The top of the reference level floor from the selected diagram is at an elevation of 81.07 feet NGVD. (or other datum–see #5)
3. FIRM Zones V1-V30, VE, and V (with BFE). The bottom of the lowest horizontal structural member of the reference level floor from the selected diagram is at an elevation of_____feet NGVD (or other datum–see #5).
4. FIRM Zone AO. The floor used as the reference level from the selected diagram is ☐☐ feet above highest natural grade next to the building (also enter in line 8). This value must be equal to or greater than the AO Zone flood depth number listed below. If no flood depth number is available, is the building's lowest floor (or reference level) elevated in accordance with the community's floodplain management ordinances? ☐Yes ☐No ☐Unknown
5. Indicate the elevation datum system used in determining the above reference level elevations: ☐NGVD ☐Other (describe on back)
6. Indicate the elevation datum system used on the FIRM for base flood elevations: ☐NGVD ☐Other (describe on back)

   (ATTENTION: If the elevation datum used in measuring the elevations is different than that used on the FIRM, then the elevations provided must be converted to the datum system used on the FIRM.)
7. Is the reference level based on actual construction? ☒Yes ☐No*

   * A "No" answer is only valid if the building does not have the reference level floor in place. Fill in the elevation based on construction drawings and do not complete question #8. If "No" is checked, this certification will be valid only for buildings in the course of construction. After construction of the reference level floor is completed, a post-construction elevation certificate will be required for continued flood insurance coverage.
8. Provide the following measurements using the natural grade next to the building (round to the nearest foot).

   a. The reference level is:
   ☐☐ feet ☒above ☐below (check one) the highest grade.
   ☐☐ feet ☒above ☐below (check one) the lowest grade.

   b. The garage floor (if applicable) is:
   ☐☐ feet ☒above ☐below (check one) the highest grade.
   ☐☐ feet ☒above ☐below (check one) the lowest grade.

SECTION II FLOOD INSURANCE RATE MAP INFORMATION

Provide the following from the proper FIRM (see Instructions on back–Date of FIRM) and accompanying insurance application:

COMMUNITY NO.	PANEL NO.	SUFFIX	DATE OF FIRM	FIRM ZONE	BASE FLOOD ELEV. (In A0 Zone, use depth)	COMMUNITY ESTIMATED BASE FLOOD ELEVATION ESTABLISHED FOR ZONE A OR ZONE V, IF AVAILABLE
040080	0010B		4-19-83	A2	81.0	

Elevation reference mark used appears on FIRM ☐Yes ☐No (See reverse side for details)

SECTION III CERTIFICATION

This certification is to be signed by a land surveyor, engineer, or architect who is authorized by state law to certify elevation information when the elevation information for zones A1-A30, AE, AH, A(with BFE), V1-V30, VE, and V(with BFE) is required. In the case of zone AO, the building official, the property owner, or the owner's representative can sign the certification. Community officials who are authorized by local law or ordinance to provide floodplain management information, may also sign the certification. 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.

GREGORY L. ALLEN — 16097 L.S.

CERTIFIER'S NAME — LICENSE NUMBER (or Affix Seal)

PRESIDENT — ALLEN CONSULTING ENGINEERS, INC.

TITLE — COMPANY NAME

266 W. 3RD PLACE — MESA — ARIZ. — 85201

ADDRESS — CITY — STATE — ZIP

Gregory L Allen — 12-5-88 — ~~ARIZ~~. 844-1666

SIGNATURE — DATE — PHONE

The insurance agent should attach the original copy of the completed form to the flood insurance policy application. The second copy should be supplied to the policyholder and the third copy retained by the agent. The fourth copy is for the local community permit office, if required.
THIS FORM MAY BE REPRODUCED.

FOR OPTIONAL COMMUNITY USE: Is the reference level also the lowest floor under the community's floodplain management ordinances?
☐YES ☐NO If NO the elevation of the lowest floor is_____ feet NGVD.

ELEVATION CERTIFICATE

FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE PROGRAM

OMB 3067-007
EXPIRES: JUNE 30 1990

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POLICY NUMBER

STREET ADDRESS
2089 N. Sweetwater Dr.

Apt.-A/Unit-U Suite-S/Bldg.-B NO. ROUTE BOX NUMBER

CASA GRANDE LAKES - TRACT A LOT 6

OTHER DESCRIPTION (Block and lot numbers., etc.)

CASA GRANDE AZ

CITY STATE ZIP CODE

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SECTION I BUILDING ELEVATION INFORMATION

1. Using the Flood Insurance Manual or the NFIP Flood Insurance Application—Part 2 Worksheet, indicate the proper diagram number___
2. FIRM Zones A1-A30, AE, AH, and A (with BFE). The top of the reference level floor from the selected diagram is at an elevation of 82.37 feet NGVD. (or other datum–see #5)
3. FIRM Zones V1-V30, VE, and V (with BFE). The bottom of the lowest horizontal structural member of the reference level floor from the selected diagram is at an elevation of_____feet NGVD (or other datum–see #5).
4. FIRM Zone AO. The floor used as the reference level from the selected diagram is ☐ feet above highest natural grade next to the building (also enter in line 8). This value must be equal to or greater than the AO Zone flood depth number listed below. If no flood depth number is available, is the building's lowest floor (or reference level) elevated in accordance with the community's floodplain management ordinances? ☐ Yes ☐ No ☐ Unknown
5. Indicate the elevation datum system used in determining the above reference level elevations: ☐ NGVD ☐ Other (describe on back)
6. Indicate the elevation datum system used on the FIRM for base flood elevations: ☐ NGVD ☐ Other (describe on back)

   (ATTENTION: If the elevation datum used in measuring the elevations is different than that used on the FIRM, then the elevations provided must be converted to the datum system used on the FIRM.)
7. Is the reference level based on actual construction? ☒ Yes ☐ No*

   * A "No" answer is only valid if the building does not have the reference level floor in place. Fill in the elevation based on construction drawings and do not complete question #8. If "No" is checked, this certification will be valid only for buildings in the course of construction. After construction of the reference level floor is completed, a post-construction elevation certificate will be required for continued flood insurance coverage.
8. Provide the following measurements using the natural grade next to the building (round to the nearest foot).

   a. The reference level is:
   ☐ feet ☒ above ☐ below (check one) the highest grade.
   ☐ feet ☒ above ☐ below (check one) the lowest grade.

   b. The garage floor (if applicable) is:
   ☐ feet ☒ above ☐ below (check one) the highest grade.
   ☐ feet ☒ above ☐ below (check one) the lowest grade.

SECTION II FLOOD INSURANCE RATE MAP INFORMATION

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040090	0010B		4-19-83	A2	81.9	

Elevation reference mark used appears on FIRM ☐ Yes ☐ No (See reverse side for details)

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GREGORY L. ALLEN — CERTIFIER'S NAME

16097 L.S. — LICENSE NUMBER (or Affix Seal)

PRESIDENT — TITLE

ALLEN CONSULTING ENGINEERS, INC. — COMPANY NAME

266 W. 3RD PLACE — ADDRESS

MESA — CITY

AZ — STATE

85201 — ZIP

Gregory L Allen — SIGNATURE

12-5-88 — DATE

8 — PHONE

The insurance agent should attach the original copy of the completed form to the flood insurance policy application. The second copy should be supplied to the policyholder and the third copy retained by the agent. The fourth copy is for the local community permit office, if required.
THIS FORM MAY BE REPRODUCED.

FOR OPTIONAL COMMUNITY USE: Is the reference level also the lowest floor under the community's floodplain management ordinances?
☐ YES ☐ NO If NO the elevation of the lowest floor is_____feet NGVD.

City of Casa Grande, Arizona

POST CONSTRUCTION ELEVATION CERTIFICATE/FLOODPROOFING CERTIFICATE

Building Owner: Shirley Shaw — Permit Number: 2089 N. Sweetwater Dr.

INSTRUCTIONS: The registered professional engineer or land surveyor completes Section I. Print or type the information on this form. This form is to be used for new (POST-FIRM)construction and for substantial improvements to existing structures in Zones A1-A30, AO, AH, A99 and V1-V30 and existing (PRE-FIRM) buildings to be rated under POST-FIRM rules and rates.

SECTION I

Property Location
Casa Grande Lakes - Tract A - Lot 6

FIA MAP PANEL ON WHICH PROPERTY IS LOCATED: Plate 04P
FIA MAP ZONE IN WHICH PROPERTY IS LOCATED:

LOWEST FLOOR ELEVATION AT THE BUILDING SITE: 82.4
BASE FLOOD ELEVATION AT THE BUILDING SITE: 81.9

FIA MAP EFFECTIVE DATE
August 1977

CERTIFIERS Name and Title: Allen Consulting Engineers — Phone: 844-1666

ADDRESS
266 West 3rd Place, Mesa, AZ 85201

Gregory L Allen (Signature) — 11-20-86 (Date)

SECTION II

To be certified after 1st floor (Including Basement) has been completed.

INSTRUCTIONS

Complete only the Elevation Certification unless the building has been floodproofed at least to the base flood elevation. If floodproofing is used, complete only the Floodproofing Certification. The Elevation Certification must be completed by a registered professional engineer or land surveyor. The Floodproofing Certification may only be completed by a registered professional engineer.

ELEVATION CERTIFICATION

ZONES, A,A1-30,A-99, AH: I certify that the building at the property described above has the lowest floor (including basement) at an elevation of ____ feet, NGVD (mean sea level) and the average grade at the building site is at an elevation of ____ feet NGVD.

ZONES V,V1-V30: I certify that the building at the property location described above has the bottom of the lowest floor beam at an elevation of _____ feet NGVD(mean sea level) and the average grade at the building site is at an elevation of ____ feet, NGVD.

ZONE AO. I certify that the building at the property location described above has the lowest floor (including basement) elevated ____ feet above the highest adjacent grade. This meets/___/, does not meet/___/ the community's requirement for the new construction.

FLOODPROOFING CERTIFICATION

I certify to the best of my knowledge, information, and belief, that the structure is designed so that the structure is watertight to an elevation of _____ feet NGVD (mean sea level), with walls substantially impermeable to the passage of water and structural components having the capability of resisting hydrostatic and hydrodynamic loads and effects of buoyancy that would be caused by the flood depths, pressures, velocities, impact and uplift forces associated with the base flood.

In the event of flooding, will this degree of floodproofing be achieved with human intervention?*

Will the structure be occupied as a residence? _____

If the answer to both questions is Yes, the floodproofing cannot be credited for rating purposes and the elevation certification must be completed instead.

*Floodproofed with human intervention means that water will enter the structure when floods up to the base flood level occur, unless measures are taken prior to the flood to prevent entry of water (e.g. bolting metal shields over doors and windows).

CERTIFIERS NAME

TITLE

ADDRESS
266 West 3rd Place
Mesa, Arizona 85201

Gregory L Allen (Signature) — 11-20-86 (Date)

If certified by Engineer or Land Surveyor
AFFIX SEAL OR WRITE PROFESSIONAL LICENSE NO. BELOW

Registered Professional Engineer (Civil) CERTIFICATE 10766 GREGORY L. ALLEN Date Signed 11-20-86 ARIZONA, U.S.A.