

FPUP# 49-135E P 00 CP 08395

U.S. DEPARTMENT OF HOMELAND SECURITY  
Federal Emergency Management Agency  
National Flood Insurance Program

## ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008  
Expires March 31, 2012

## SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name		For Insurance Company Use:	
		Policy Number	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 8130 S. Silver Star Dr.		Company NAIC Number	
City Tucson	State AZ	ZIP Code 85735	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Tax Code 208-58-004N Township 15 Range 10E Section 27			
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential: Manufactured Home			
A5. Latitude/Longitude: Lat. 32.100041 Long. -111.306768		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			
A8. For a building with a crawlspace or enclosure(s):		A9. For a building with an attached garage:	
a) Square footage of crawlspace or enclosure(s) 1344 sq ft		a) Square footage of attached garage N/A sq ft	
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 2		b) No. 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 A8.b 1460 sq in		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		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 AZ	
B4. Map/Panel Number 04019C 2775	B5. Suffix K	B6. FIRM Index Date 2/8/99	B7. FIRM Panel Effective/Revised Date 2/8/99	B8. Flood Zone(s) AO	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 2.0

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

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☐ NAVD 1988 ☒ Other (Describe) Highest Adjacent Natural Grade

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

## 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. Use the same datum as the BFE.

Benchmark Utilized NAT. Ground @ SW COR Vertical Datum ASSUMED 100.00

Conversion/Comments N/A

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	103.33	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	N/A	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	N/A	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	N/A	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	103.4	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade next to building (LAG)	99.55	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG)	100.00	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	99.80	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)

When B.9 is a depth above grade, it is required to indicate highest and lowest NATURAL grade in Section D Comments

## 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.

☐ Check here if comments are provided on back of form.Were latitude and longitude in Section A provided by a licensed land surveyor? ☐ Yes ☐ No

Certifier's Name KURT C. HELMKE License Number RLS 38745

Title 7950 E STELLA RD Company Name T-S DESERT LAND SURVEY

Address 7950 E STELLA RD City TUCSON State AZ ZIP Code 85730

Signature Kurt C Helmke Date 6/9/2011 Telephone 520 339-2480





FPUP#

P CP

**IMPORTANT: In these spaces, copy the corresponding information from Section A.**Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.  
**8130 S. Silver Star Dr.**

For Insurance Company Use:

Policy Number

Company NAIC Number

City **Tucson**State **AZ**ZIP Code  
**85735****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 The lowest service equipment (C2.e) is the **AC UNIT** and the **WATER HEATER** is/are above this elevation.Highest adjacent natural grade is **100.00** Lowest adjacent natural grade is **99.95****LOWEST STRUCTURAL MEMBER IS 102.00**Signature Date **6/9/2011**☒ Check here if attachments**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 **N/A** feet ☐ meters ☐ above or ☐ below the HAG.
- b) Top of bottom floor (including basement, crawlspace or enclosure) is **N/A** feet ☐ meters ☐ above or ☐ below the LAG.
- E2. For Building Diagrams 6-9 with permanent flood openings provided in Section A Items 8 and 9 (see pages 8-9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is **N/A** feet ☐ meters ☐ above or ☐ below the HAG.
- E3. Attached garage (top of slab) is **N/A** feet ☐ meters ☐ above or ☐ below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is **N/A** 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'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. Complete the applicable item(s) and sign below. Check the measurement used in Items G8 and G9.

- 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 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  
**FPUP#**G5. Date Permit Issued **2.2.11**

G6. Date Certificate Of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☒ Substantial ImprovementG8. Elevation of as-built lowest floor (including basement) of the building **N/A** feet ☐ meters (PR) Datum **N/A**G9. BFE or (in Zone AO) depth of flooding at the building site **N/A** feet ☐ meters (PR) Datum **N/A**G10. Community's design flood elevation **N/A** feet ☐ meters (PR) Datum **N/A**

Local Official's Name

Title

Community Name

Telephone

Signature Date **2.2.11**Comments **2.2.11**☐ Check here if attachments





page 1 of 2









PAGE 2 OF 2

6/15/2011

DWN: KCH

REVISED MEASUREMENT  
OF AC UNIT @  
8130 S. SILVERSTAR D  
TUCSON, AZ 85735

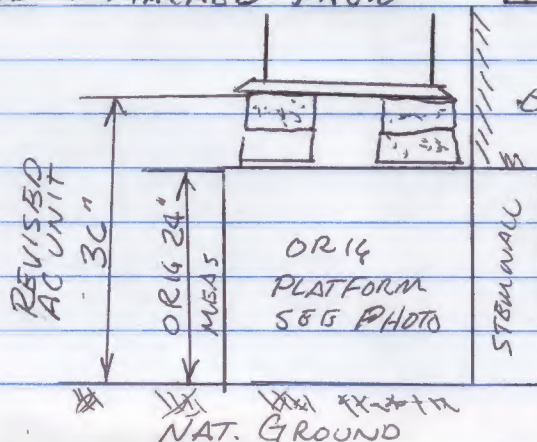
NOTES:

AC UNIT WAS RAISED TO COMPLY WITH  
PIMA COUNTY STANDARDS ORIG ELEV. CERT.  
DONE ON 6/8/2011

AC UNIT RAISED  
TO COMPLY. UNIT  
IS SITTING ON  
MAS. BLOCK SECURED  
WITH LIQUID NAILS  
SEE ATTACHED PHOTO



EXISTING  
DWELLING

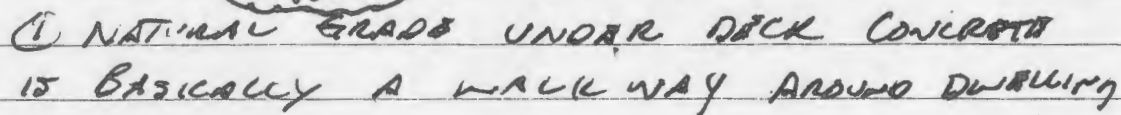


MY COMMISSION EXPIRES  
MARCH 2012

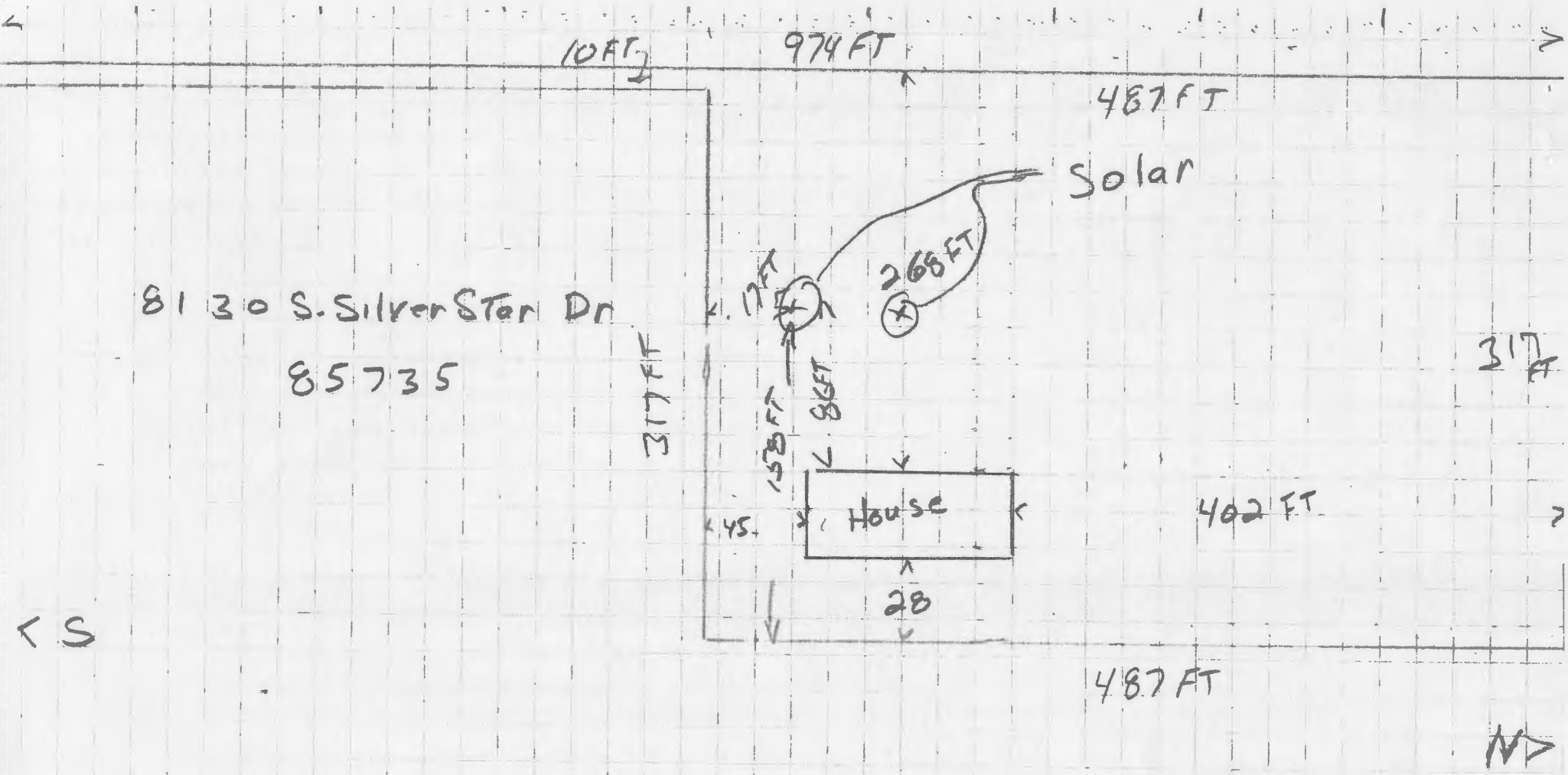
EX. DWELLING



Kurt C. Helmke







8130 S. Silver Star Dr

85735

Solar

House

317 FT

402 FT

487 FT

N

S

FPUP: # 99-135 E

Date Issued:

# ELEVATION CERTIFICATE

## FEDERAL EMERGENCY MANAGEMENT AGENCY

### NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077

Expires July 31, 1999

Type 1 MHDAG

ATTENTION: Use of this certificate does not provide a waiver of the flood insurance purchase requirement. This form is used only to provide elevation information necessary to ensure compliance with applicable community floodplain management ordinances, to determine the proper insurance premium rate, and/or to support a request for a Letter of Map Amendment or Revision (LOMA or LOMR). You are not required to respond to this collection of information unless a valid OMB control number is displayed in the upper right corner of this form.

Instructions for completing this form can be found on the following pages.

SECTION A PROPERTY INFORMATION		FOR INSURANCE COMPANY USE
BUILDING OWNER'S NAME <u>MIKE &amp; HELEN BOND</u>		POLICY NUMBER
STREET ADDRESS (Including Apt, Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER <u>16015 W. HERMAN RD</u>		COMPANY NAIC NUMBER
OTHER DESCRIPTION (Lot and Block Numbers, etc.) <u>200-58-004N</u>		
CITY <u>TUCSON</u>	STATE <u>AZ</u>	ZIP CODE <u>85735</u>

### SECTION B FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM (See Instructions):

1. COMMUNITY NUMBER	2. PANEL NUMBER	3. SUFFIX	4. DATE OF FIRM INDEX	5. FIRM ZONE	6. BASE FLOOD ELEVATION (in AO Zones, use depth)
040073	279	K	2-8-99	AO	DEPTH 2

7. Indicate the elevation datum system used on the FIRM for Base Flood Elevations (BFE): ☐ NGVD '29 ☐ Other (describe on back).
8. For Zones A or V, where no BFE is provided on the FIRM, and the community has established a BFE for this building site, indicate the community's BFE: \_\_\_\_\_ feet NGVD (or other FIRM datum—see Section B, Item 7).

### SECTION C BUILDING ELEVATION INFORMATION

- Using the Elevation Certificate Instructions, indicate the diagram number from the diagrams found on Pages 5 and 6 that best describes the subject building's reference level \_\_\_\_\_.
- 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 \_\_\_\_\_ feet NGVD (or other FIRM datum—see Section B, Item 7).
  - FIRM Zones V1-V30, VE, and V (with BFE). The bottom of the lowest horizontal structural member of the reference level from the selected diagram, is at an elevation of \_\_\_\_\_ feet NGVD (or other FIRM datum—see Section B, Item 7).
  - FIRM Zone A (without BFE). The floor used as the reference level from the selected diagram is \_\_\_\_\_ feet above ☐ or below ☐ (check one) the highest grade adjacent to the building.
  - FIRM Zone AO. The floor used as the reference level from the selected diagram is \_\_\_\_\_ feet above ☐ or below ☐ (check one) the highest grade adjacent to the building. If no flood depth number is available, is the building's lowest floor (reference level) elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown
- Indicate the elevation datum system used in determining the above reference level elevations: ☒ NGVD '29 ☐ Other (describe under Comments on Page 2). (NOTE: If the elevation datum used in measuring the elevations is different than that used on the FIRM [see Section B, Item 7], then convert the elevations to the datum system used on the FIRM and show the conversion equation under Comments on Page 2.)
- Elevation reference mark used appears on FIRM: ☐ Yes ☒ No (See Instructions on Page 4)
- The reference level elevation is based on: ☒ actual construction ☐ construction drawings  
(NOTE: Use of construction drawings is only valid if the building does not yet have the reference level floor in place, in which case this certificate will only be valid for the building during the course of construction. A post-construction Elevation Certificate will be required once construction is complete.)
- The elevation of the lowest grade immediately adjacent to the building is: \_\_\_\_\_ feet NGVD (or other FIRM datum—see Section B, Item 7).

### SECTION D COMMUNITY INFORMATION

- If the community official responsible for verifying building elevations specifies that the reference level indicated in Section C, Item 1 is not the "lowest floor" as defined in the community's floodplain management ordinance, the elevation of the building's "lowest floor" as defined by the ordinance is: \_\_\_\_\_ feet NGVD (or other FIRM datum—see Section B, Item 7).
- Date of the start of construction or substantial improvement \_\_\_\_\_.