

MW 12-3-08

FPUP# 08-888E P0 8 CP 08097  
U.S. DEPARTMENT OF HOMELAND SECURITY  
Federal Emergency Management Agency  
National Flood Insurance Program

# ELEVATION CERTIFICATE

12-31-08  
HR

OMB No. 1660-0008  
Expires February 28, 2009

Important: Read the instructions on pages 1-8.

## SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name <b>Linda Roth</b>		For Insurance Company Use:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>44055 Aldon Road</b>		Policy Number	
City <b>Tucson</b>		Company NAIC Number	
State <b>AZ</b>		ZIP Code <b>85735</b>	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <b>Tax Code 212-41-0100 Township 14 Range 12 Section 33</b>			

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) **Residential: Manufactured Home**

A5. Latitude/Longitude: Lat. **32.169497** Long. **-111.120217** Horizontal Datum:  NAD 1927  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 **5**

A8. For a building with a crawl space or enclosure(s), provide:

- a) Square footage of crawl space or enclosure(s) **N/A** sq ft
- b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade **N/A**
- c) Total net area of flood openings in A8.b **N/A** sq in

A9. For a building with an attached garage, provide:

- a) Square footage of attached garage **N/A** sq ft
- b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade **N/A**
- c) Total net area of flood openings in A9.b **N/A** sq in

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

R1 NFIP Community Name & Community Number <b>Pima County / 040073</b>		B2. County Name <b>Pima County</b>		B3. State <b>AZ</b>	
B4. Map/Panel Number <b>04019C 2225</b>	B5. Suffix <b>K</b>	B6. FIRM Index Date <b>2/8/99</b>	B7. FIRM Panel Effective/Revised Date <b>2/8/99</b>	B8. Flood Zone(s) <b>X</b>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <b>0.5</b>

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)?  
 Designation Date **N/A**  CBRS  OPA  Yes  No

## 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-g below according to the building diagram specified in Item A7.

Benchmark Utilized **LOCAL** Vertical Datum **0.00 = LOWEST ADJ. GRADE**

Conversion/Comments **NONE**

Check the measurement used.

- a) Top of bottom floor (including basement, crawl space, or enclosure floor) **3.4**  feet  meters (Puerto Rico only)
- b) Top of the next higher floor **N/A**  feet  meters (Puerto Rico only)
- c) Bottom of the lowest horizontal structural member (V Zones only) **N/A**  feet  meters (Puerto Rico only)
- d) Attached garage (top of slab) **N/A**  feet  meters (Puerto Rico only)
- e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments) **2.0**  feet  meters (Puerto Rico only)
- f) Lowest adjacent (finished) grade (LAG) **0.0**  feet  meters (Puerto Rico only)
- g) Highest adjacent (finished) grade (HAG) **0.4**  feet  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, 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.

Certifier's Name <b>EDGAR B. REYNOLDS JR.</b>	License Number <b>RLS 31031</b>
Title <b>LAND SURVEYOR</b>	Company Name <b>EDGAR REYNOLDS &amp; ASSOCIATES</b>
Address <b>1926 W CALLE MEADOW</b>	City <b>TUCSON</b> State <b>AZ</b> ZIP Code <b>85745</b>
Signature <i>[Signature]</i>	Date <b>12-31-08</b> Telephone <b>520-884-0292</b>



<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			For Insurance Company Use:	
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>44055 Aldon Road</b>			Policy Number	
City <b>Tucson</b>	State <b>AZ</b>	ZIP Code <b>85735</b>	Company NAIC Number	

**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 (C3.e) is the HEAT PUMP and the FURNACE, WATER HEATER is/are above this elevation.

Highest adjacent natural grade is 0.4 Lowest adjacent natural grade is 0.0  
USED MANUFACTURED HOME, NEW SET UP. NO SKIATING THERE IS  
1.6' BETWEEN H.A.G. AND L.S.M. HEAT PUMP ON CONC. BLOCK STAND  
 Signature [Signature] Date 12/31/08  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, crawl space, and enclosure) is \_\_\_\_\_ feet \_\_\_\_\_ meters  above or  below the HAG.  
 b) Top of bottom floor (including basement, crawl space, and enclosure) is \_\_\_\_\_ feet \_\_\_\_\_ meters  above or  below the LAG.  
 E2. For Building Diagrams 6-8 with permanent flood openings provided in Section A Items 3 and 9 (see page 8 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's or Owner's Authorized Representative's Name N/A  
 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 <b>FPUP# 08-888E</b>	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: \_\_\_\_\_ feet \_\_\_\_\_ meters (PR) Datum \_\_\_\_\_  
 G9. BFE or (in Zone AO) depth of flooding at the building site: \_\_\_\_\_ feet \_\_\_\_\_ meters (PR) Datum \_\_\_\_\_

Local Official's Name \_\_\_\_\_ Title \_\_\_\_\_  
 Community Name \_\_\_\_\_ Telephone \_\_\_\_\_  
 Signature \_\_\_\_\_ Date \_\_\_\_\_

Comments \_\_\_\_\_

Check here if attachments

FPUP# 08-888E

# Building Photographs

Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>44055 Aldon Road</b>			For Insurance Company Use: Policy Number
City <b>Tucson</b>	State <b>AZ</b>	ZIP Code <b>85735</b>	Company NAIC Number

If submitting photographs

Identify all



FPUP# 08-888E

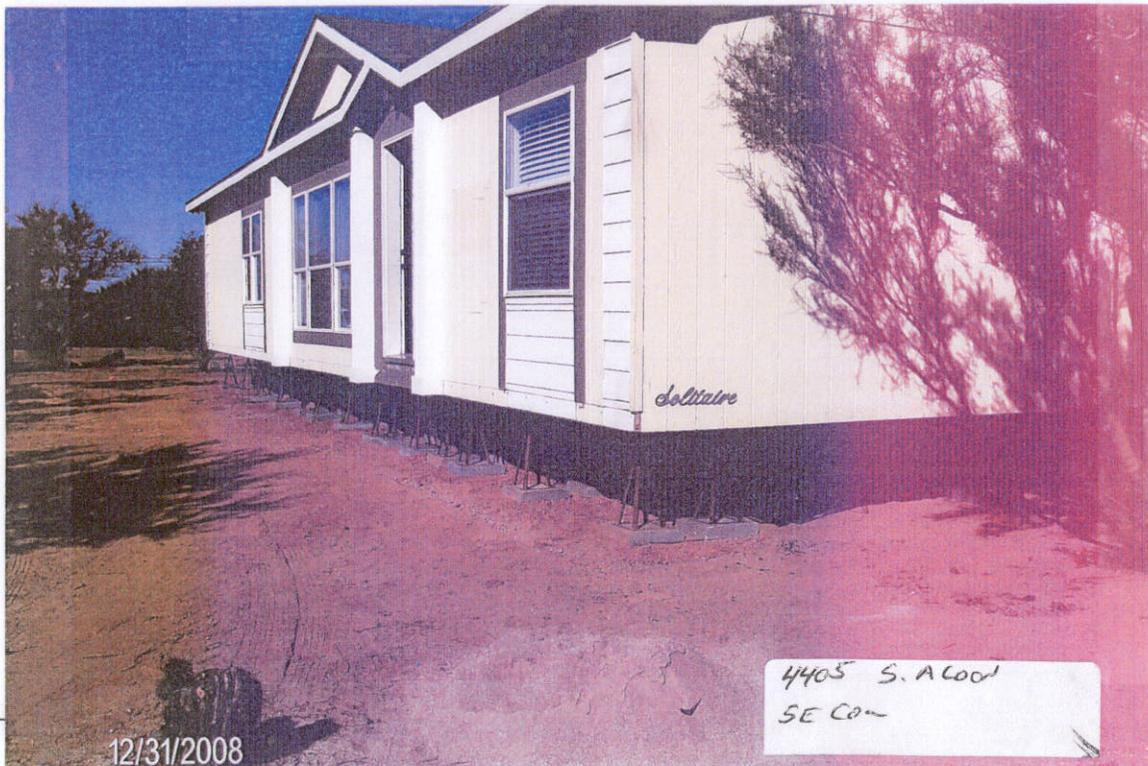
### Building Photographs(Four Color Photographs Required)

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>44055 Aldon Road</b>			For Insurance Company Use: Policy Number
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If using the the instructi Side View" following.

ording to ad, "Right on Page,

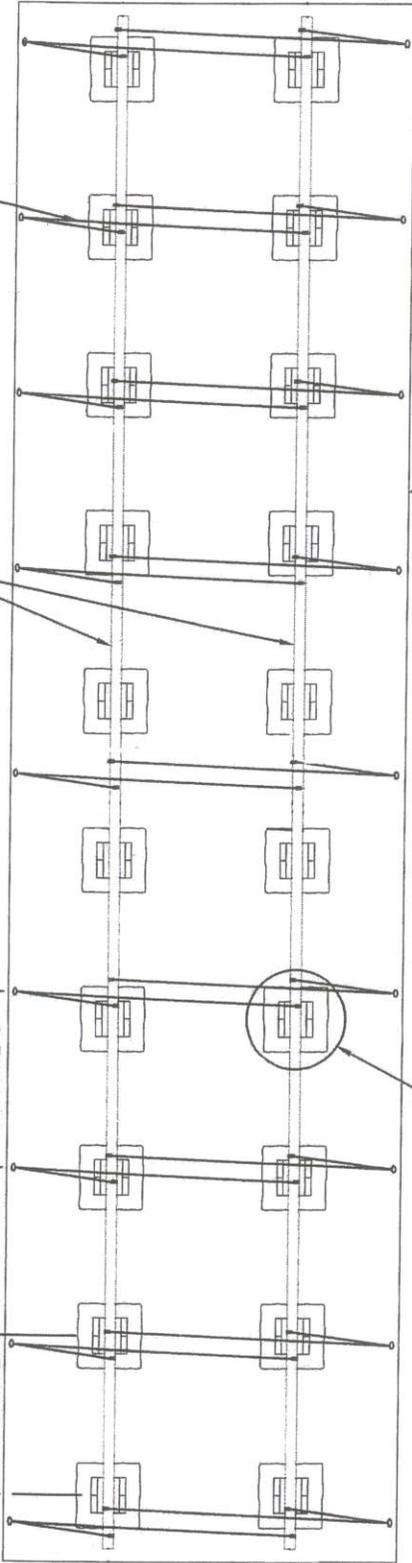


GROUND ANCHOR & CONNECTION HARDWARE (STRAPS ARE SHOWN OFFSET FOR CLARITY)

MH CHASSIS "1" BEAM

GROUND ANCHOR SPACING SEE NOTE 3

6 ft SEE NOTE 2



SEE PIER DETAIL BELOW

OUTSIDE WALL OF MH AND EDGE OF BREAK-AWAY SKIRTING (IF USED). SEE NOTE 1.

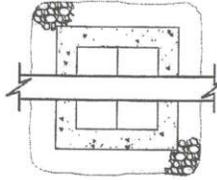
DIRECTION OF FLOOD FLOW SEE NOTE 4

PLAN

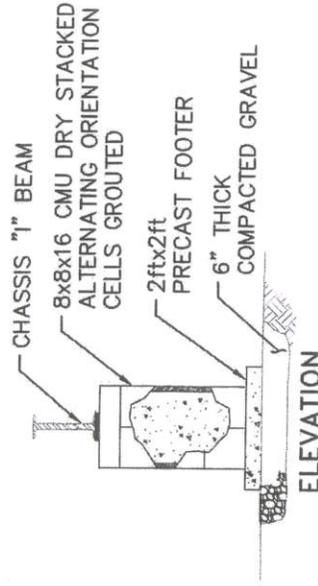
**NOTES**

1. VENT OPENINGS IN BREAK-AWAY SKIRTING (IF USED):
  - PROVIDE 1 SQUARE INCH OF NET FREE VENT AREA FOR EACH SQUARE FOOT OF MH FLOOR SPACE.
  - PLACE BOTTOM OF VENTS 1 FOOT (MAX) ABOVE EXTERIOR GRADE.
  - ALL SCREENS AND LOUVERS MUST AUTOMATICALLY OPEN TO ALLOW UNOBSTRUCTED FLOW OF FLOOD WATERS, OR OTHERWISE MAY BE SCREENED WITH 1/2-INCH MIN SCREEN.
  - DISTRIBUTE REQUIRED VENTS UNIFORMLY AROUND THE PERIMETER OF THE MH.
2. PIERS SPACED ALONG CHASSIS I-BEAM AT 6-FT (MAX) INTERVAL
3. TRANSVERSE & LONGITUDINAL LATERAL & UPLIFT FORCES DUE TO WIND LOADS RESISTED BY ANCHORING MH WITH SOIL ANCHORS, INSTALLED PER MANUFACTURER'S INSTRUCTIONS & SPACED AS REQUIRED BY STATE OF ARIZONA OFFICE OF MANUFACTURED HOUSING.
4. MH LONG DIMENSION ORIENTED PARALLEL TO FLOW.

DRAFT



PLAN



ELEVATION

DETAIL



**EXHIBIT B - DETAIL 3 of 3  
BUILT-UP PIERS WITH SOIL ANCHORS**

SCALE: NONE

DRAWN BY: sak

DATE: DEC 2008

