FPUP# 08-749E P0 8 CP 07246

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

ELEVATION CERTIFICATE

HK 1-16-09 SB

OMB No. 1660-0008
Expires February 28, 2009

Important: Read the instructions on pages 1-8.

SECTION A - PROPERTY INFORMATION

For Insurance Company Use:
Policy Number
Company NAIC Number

A1. Building Owner's Name **William and Katherine Heuser**

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
6185 N. Chaparral Rd.

City **Tucson** State **AZ** ZIP Code **85743**

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Tax Code 213-12-151A Township 13S Range 11E Section 08

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

A5. Latitude/Longitude: Lat. **32.316777** Long. **-111.244321** 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 56

A8. For a building with a crawl space or enclosure(s), provide:
a) Square footage of crawl space or enclosure(s) 2356 sq ft
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade 23
c) Total net area of flood openings in A8.b 3861 sq in

A9. For a building with an attached garage, provide:
a) Square footage of attached garage NA sq ft
b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade NA
c) Total net area of flood openings in A9.b NA sq in

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
Pima County / 040073	Pima County	AZ

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
04019C 1600	K	2/8/99	02-08-1999	X	0.5

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-g below according to the building diagram specified in Item A7.
Benchmark Utilized LOCAL DATUM Vertical Datum H.A.G. ASSUMED 100.00
Conversion/Comments N/A

Check the measurement used.

a) Top of bottom floor (including basement, crawl space, or enclosure floor)	103.00	☒ feet	☐ meters (Puerto Rico only)
b) Top of the next higher floor	NA	☒ feet	☐ meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	NA	☒ feet	☐ meters (Puerto Rico only)
d) Attached garage (top of slab)	NA	☒ feet	☐ meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments)	102.33	☒ feet	☐ meters (Puerto Rico only)
f) Lowest adjacent (finished) grade (LAG)	99.50	☒ feet	☐ meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG)	100.00	☒ 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.

WAYNE THURESON — Certifier's Name
15292 — License Number
ENGINEER (CIVIL) — Title
NONE — Company Name
5610 W. EL CAMINO DEL CERRO — Address
TUCSON — City
AZ — State
85745 — ZIP Code
Wayne Thureson — Signature
1-14-09 — Date
520-743-9971 — Telephone

Registered Professional Engineer (Civil) CERTIFICATE NO. 15292 WAYNE E. THURESON DATE SIGNED 1-14-09 ARIZONA U.S.A. Expires 9/30/10

FPUP# 08-749E P0 8 CP 07246

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. 6185 N. Chaparral Rd.			Policy Number
City Tucson	State AZ	ZIP Code 85743	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 AC 102.33 and the ELEC. PANEL, WTR. HTR. is/are above this elevation.
Highest adjacent natural grade is 100.00 Lowest adjacent natural grade is 99.50
BOTTOM OF LOWEST STRUCT. MEMBER = 101.50

Signature Wayne Thureson Date 1-14-09

☑ 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, or enclosure) is _____. ____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
b) Top of bottom floor (including basement, crawl space, or enclosure) is _____. ____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6-8 with permanent flood openings provided in Sections A Items 8 and/or 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.

N/A

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

N/A

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# 08-749E	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued

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 Suzie Bohnet Title Sr Hydrologist

Community Name RFCD Telephone 243-1800

Signature Suzie Bohnet Date 1-16-09

Comments With surveyor's permission, changed bldg. diagram number from 5 to 6.

☐ Check here if attachments

FPUP# 08-749E

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.			For Insurance Company Use:
6185 N. Chaparral Rd.			Policy Number
City Tucson	State AZ	ZIP Code 85743	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least **Four** building photographs below according to the instructions for Item A6. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." If submitting more photographs than will fit on this page, use the Continuation Page, following.

FRONT VIEW — EAST — 1-14-09

RIGHT SIDE VIEW — NORTH — 1-14-09

FPUP# 08-749E

Building Photographs

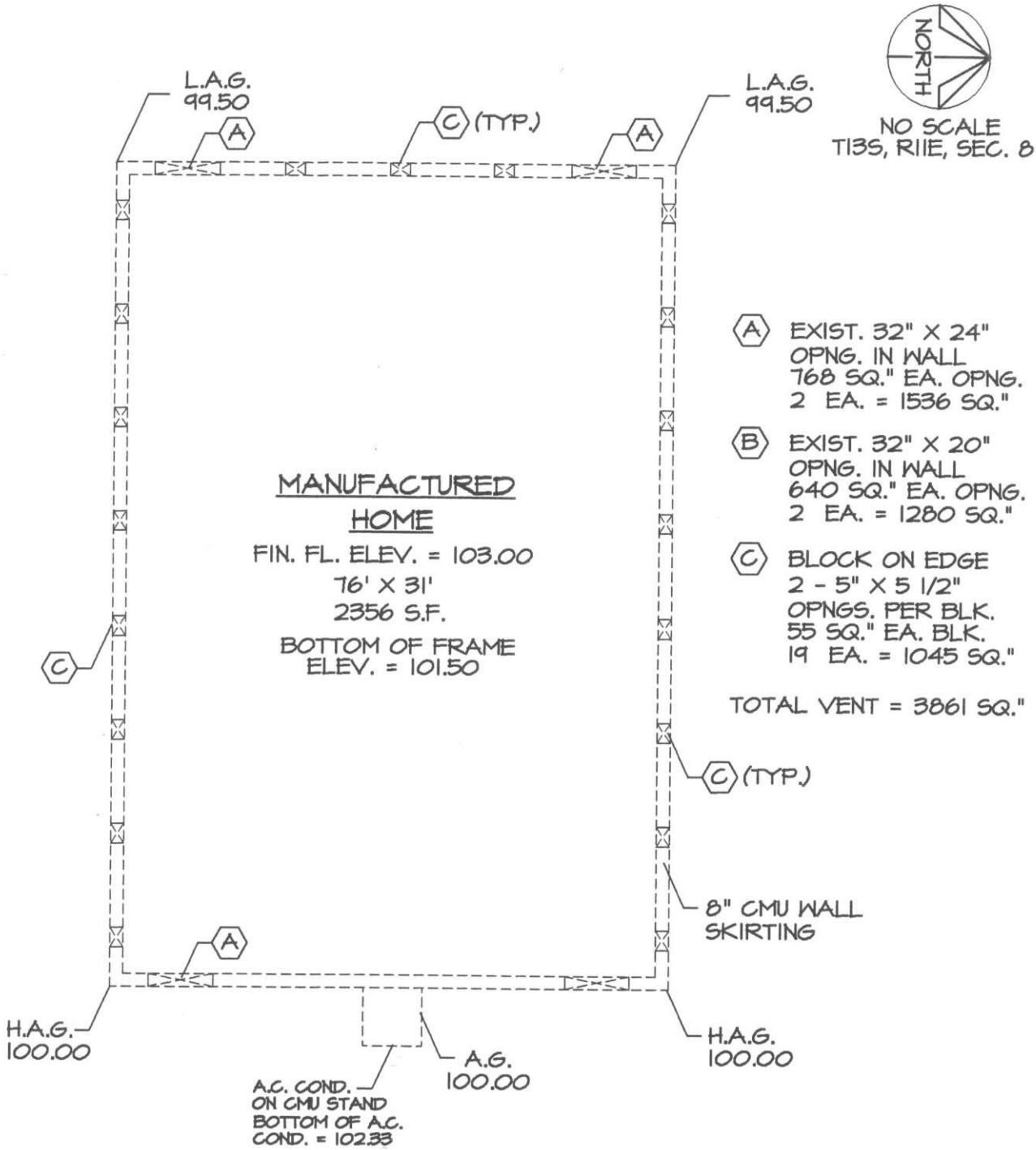
Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.			For Insurance Company Use:
6185 N. Chaparral Rd.			Policy Number
City Tucson	State AZ	ZIP Code 85743	Company NAIC Number

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View."

REAR VIEW — WEST — 1-14-09

LEFT SIDE VIEW — SOUTH — 1-14-09



MANUFACTURED HOME AS-BUILT DIAGRAM

K E Y

H.A.G. = HIGHEST ADJACENT GRADE

L.A.G. = LOWEST ADJACENT GRADE

A.G. = ADJACENT GRADE

WILLIAM & KATHERINE HEUSER
6185 N. CHAPARRAL RD.
TUCSON, AZ 85743
TAX CODE # 213-12-151A

BY: WET 1-14-09

FPUP# 08-749E P0 8 CP 07246

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

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-8.

OMB No. 1660-0008
Expires February 28, 2009

SECTION A - PROPERTY INFORMATION

For Insurance Company Use:
Policy Number
Company NAIC Number

A1. Building Owner's Name **William and Katherine Heuser**

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
6185 N. Chaparral Rd.

City **Tucson** State **AZ** ZIP Code **85743**

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Tax Code 213-12-151A Township 13S Range 11E Section 08

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

A5. Latitude/Longitude: Lat. 32.316777 Long. -111.244321 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 6

A8. For a building with a crawl space or enclosure(s), provide:
a) Square footage of crawl space or enclosure(s) 1836 sq ft
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade 26
c) Total net area of flood openings in A8.b 5888 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

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
Pima County / 040073	Pima County	AZ

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
04019C 1600	K	2/8/99	02-08-1999	X	0.5

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-g below according to the building diagram specified in Item A7.
Benchmark Utilized LOCAL Vertical Datum 0.00 = LOWEST ADJACENT GRADE ASSUMED
Conversion/Comments NONE

Check the measurement used.

a) Top of bottom floor (including basement, crawl space, or enclosure floor)	0.5	☒ feet	☐ meters (Puerto Rico only)
b) Top of the next higher floor	3.6	☒ 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)	2.1	☒ feet	☐ meters (Puerto Rico only)
f) Lowest adjacent (finished) grade (LAG)	0.0	☒ feet	☐ meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG)	0.5	☒ 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 EDGAR B. REYNOLDS JR. License Number RLS 31031
Title LAND SURVEYOR Company Name EDGAR REYNOLDS & ASSOCIATES
Address 1926 W. CALLE MEZQUINA City TUCSON State AZ ZIP Code 85745
Signature Date 11/19/08 Telephone 520-884-0292

REGISTERED LAND SURVEYOR
CERTIFICATE NO. 31031
EDGAR B. REYNOLDS JR.
DATE SIGNED 11/19/08
ARIZONA U.S.A.

EXPIRES 3-31-09

FPUP# 08-749E P0 8 CP 07246

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. 6185 N. Chaparral Rd.			Policy Number
City Tucson	State AZ	ZIP Code 85743	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 0.5 **Lowest adjacent natural grade is** 0.0
NEW MANUFACTURED HOME REPLACEMENT, BLOCK SKIRTED. THERE IS 1.5' BETWEEN H.A.G. AND L.S.M. HEAT PUMP ON CONCRETE BLOCK STAND

Signature Date 11/19/08 ☐ 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, or enclosure) is _____. ____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
b) Top of bottom floor (including basement, crawl space, or enclosure) is _____. ____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6-8 with permanent flood openings provided in Section A Items 8 and/or 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

Address City State ZIP Code

Signature Date Telephone

Comments

☐ Check here if attachments

N/A

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# 08-749E	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued

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

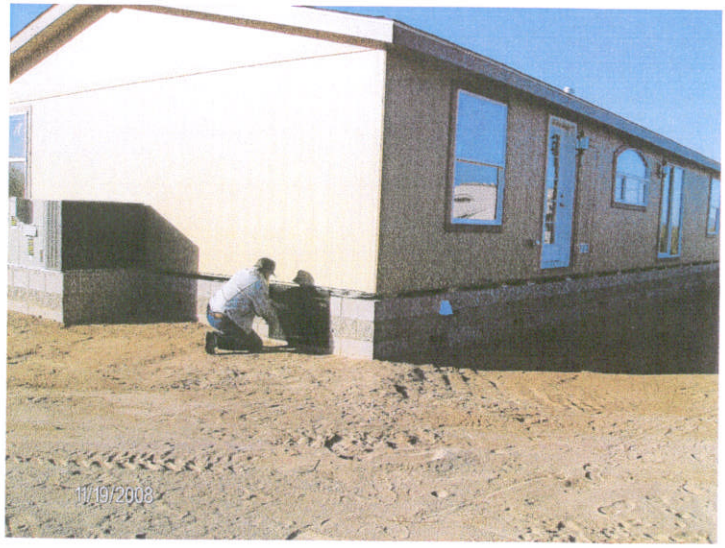
Comments

☐ Check here if attachments

11/19/2008
6185 N CAPARRAL RD SE COR

11/19/2008
6185 N CAPARRAL RD SW COR

11/19/2008
6185 N CAPARRAL RD NW COR



11/19/2008
6185 N CAPARRAL RD NE COR