2100 N. Trekell

HANSEN ENGINEERING & SURVEYING

Transmittal

To: MHSC
Attn: Darla Johnson

Date: October 24, 2003
Re:

115 So. Main St.
P.O. Box 235
Coolidge, AZ 85228
520-723-3261
Fax: 520-723-3739

Fax:

Hansen
Engineering #: 030122

We are transmitting:

- [x] By Hand
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- [ ] U.S. Mail
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- [ ] Facsimile (pg)
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- [ ] Drawings
- [ ] Specifications
- [ ] Shop Drawings
- [ ]
- [ ] As requested
- [ ] For your files
- [ ] For your review
- [ ] For your approval

Quantity	Date	Description/Remarks
1		Updated Elevation Certificate

CASA VERDE MHP
2100 N. Trekell

Remarks: 10-24-03

(A) This Cert is in the D.B. - However, based on Diagram # of 8 - C3b, g, h & i will need to be supplied prior to C of O.

(B) left msg w/ Hansen Engineer VM on this date. T

(C) ADD put in Black Bear As condition of final TR

cc:

From: _____
Taylor Hansen, RLS

OCT 24 2003

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

ELEVATION CERTIFICATE

O.M.B. No. 3067-0077
Expires December 31, 2005

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION

For Insurance Company Use:
Policy Number
Company NAIC Number

BUILDING OWNER'S NAME: Carrel + Joyce Carpenter

BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO.: 2100 N. Trekell Rd. Lot 34+35

CITY: Casa Grande STATE: AZ ZIP CODE: 85222

PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.): Lot 34+35 of Casa Verde Estates Mobil Home Park

BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.)

LATITUDE/LONGITUDE (OPTIONAL) (##° - ##' - ##.##" or ##.#####°) HORIZONTAL DATUM: |__| NAD 1927 |__| NAD 1983 SOURCE: |__| GPS (Type): ____ |__| USGS Quad Map |X| Other FEMA/FIRM

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER	B2. COUNTY NAME	B3. STATE
Pinal County 040077	Pinal	AZ

B4. MAP AND 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 depth of flooding)
0695	0	—	3/5/90	A1	1389.4

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

B11. Indicate the elevation datum used for the BFE in B9: |__| NGVD 1929 |X| 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* |X|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 6 and 7. 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 C3.a-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 FIRM Conversion/Comments 1394.53
Elevation reference mark used RM64 Does the elevation reference mark used appear on the FIRM? |X| Yes |__| No

- ❑ a) Top of bottom floor (including basement or enclosure) 1390.4 ft.(m)
- ❑ b) Top of next higher floor — ft.(m)
- ❑ c) Bottom of lowest horizontal structural member (V zones only) — ft.(m)
- ❑ d) Attached garage (top of slab) — ft.(m)
- ❑ e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area.) — ft.(m)
- ❑ f) Lowest adjacent (finished) grade (LAG) 1389.1 ft.(m)
- ❑ g) Highest adjacent (finished) grade (HAG) — 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 C3.h — sq. in. (sq. cm)

License Number, Embossed Seal, Signature, and Date

REGISTERED LAND SURVEYOR CERTIFICATE NO. 37512 TAYLOR S. HANSEN Date Signed 10/24/03 ARIZONA, U.S.A.

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: Taylor Hansen LICENSE NUMBER: 37512
TITLE: R.L.S., Owner COMPANY NAME: Hansen Engineering + Surveying
ADDRESS: 115 S. Main St. CITY: Coolidge STATE: AZ ZIP CODE: 85228
SIGNATURE: DATE: 10/24/03 TELEPHONE: 723-3261

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. Lot 35 Casa Verde Estates	For Insurance Company Use: Policy Number
CITY Casa Grande STATE AZ ZIP CODE 85222	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 Elevation was determined @ the building site as was the B.F.E. A TBM was set on the Top of Curb (Fill + 1.97 to F.F.)

|__| Check here if attachments

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

For Zone AO and Zone A (without BFE), complete Items E1. through E5. 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 6 and 7. 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~~ |__|2| ft. (m) |__|0| in. (cm) |X| above or |__| below (check one) the highest adjacent grade. (Use natural grade, if available.) Shall be above TBC

E3. For Building Diagrams 6-8 with openings (see page 7), the next higher floor or elevated floor (elevation b) of the building is |__|__| ft. (m) |__|__|in. (cm) above the highest adjacent grade. Complete Items C3.h and C3.i on front of form.

E4. The top of the platform of machinery and/or equipment servicing the building is |__|__| ft. (m) |__|__| in. (cm) |__| above or |__| below (check one) the highest adjacent grade. (Use natural grade, if available.)

E5. 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, C (Items C3.h and C3.i only), 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, C, 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.

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

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