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

For Insurance Company Use:
Policy Number
Company NAIC Number

A1. Building Owner's Name Sharon Cordova

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
41 Road 5793 A

City Farmington State NM ZIP Code 87401

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential

A5. Latitude/Longitude: Lat. 36°42'14.83922"N Long. 108°08'03.64382"W 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 8

A8. For a building with a crawlspace or enclosure(s):
- a) Square footage of crawlspace or enclosure(s) 672 sq ft
- b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 7
- c) Total net area of flood openings in A8.b 1066 sq in
- d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:
- a) Square footage of attached garage 0 sq ft
- b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0
- c) Total net area of flood openings in A9.b 0 sq in
- d) Engineered flood openings? ☐ Yes ☒ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
City of Farmington 350067	San Juan	NM

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)
1010	F	8/1/10		AE	5308.5

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) _____

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

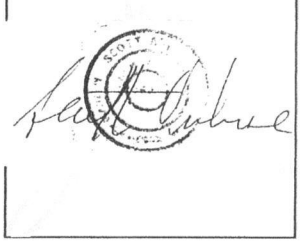
Benchmark Utilized opusVertical Datum navd1988

Conversion/Comments _____

			Check the measurement used.
a)	Top of bottom floor (including basement, crawlspace, or enclosure floor)	5306.50	☒ feet ☐ meters (Puerto Rico only)
b)	Top of the next higher floor	5309.00	☒ 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 and location in Comments)	n/a	☒ feet ☐ meters (Puerto Rico only)
f)	Lowest adjacent (finished) grade next to building (LAG)	5306.43	☒ feet ☐ meters (Puerto Rico only)
g)	Highest adjacent (finished) grade next to building (HAG)	5308.21	☒ feet ☐ meters (Puerto Rico only)
h)	Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	5306.50	☒ feet ☐ meters (Puerto Rico only)

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 Scott Andrae License Number 9625

Title Owner Company Name Intermountain Mapping Serices, LLC

Address 1875 Hwy 170 City La Plata State NM ZIP Code 87418

Signature Digitally signed by Scott Andrae Date: 2010.09.14 15:40:57 -06'00' Date 09/14/10 Telephone 505-325-5244

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. 41 Road 5793 A	Policy Number
City FarmingttonState NM ZIP Code 87410	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 set benchmark, 5/8" rebar w/plastic cap mk'd LS9625 in lawn next to East fence (5306.18').

Digitally signed by Scott Andrae
Date: 2010.09.14 15:47:27 -06'00'

Signature Date 09/14/10

☒ 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 _____._____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
   b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____._____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6-9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8-9 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

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	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 _____

G10. Community's design flood elevation _____._____ ☐ feet ☐ meters (PR) Datum _____

Local Official's Name Title

Community Name Telephone

Signature Date

Comments

☐ Check here if attachments

WildBlue. Powered by Google

Scott W Andrae <scottandrae@wildblue.net>

OPUS-RS solution : 59352470.DAT 000134924

1 message

opus <opus@ngs.noaa.gov> **Sat, Sep 4, 2010 at 1:18 PM**
Reply-To: ngs.opus@noaa.gov
To: scottandrae@wildblue.net

FILE: 59352470.DAT 000134924

2005 NOTE: The IGS precise and IGS rapid orbits were not available
2005 at processing time. The IGS ultra-rapid orbit was/will be used to
2005 process the data.
2005

NGS OPUS-RS SOLUTION REPORT
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USER: scottandrae@wildblue.net DATE: September 04, 2010
RINEX FILE: 5935247p.10o TIME: 19:18:44 UTC

SOFTWARE: rsgps 1.35.1 RS23.prl 1.61 START: 2010/09/04 15:03:35
EPHEMERIS: igu15996.eph [ultra-rapid] STOP: 2010/09/04 15:23:35
NAV FILE: brdc2470.10n OBS USED: 1385 / 1400 : 99%
ANT NAME: TRM5800 QUALITY IND. 17.63/ 28.80
ARP HEIGHT: 2.072 NORMALIZED RMS: 0.314

REF FRAME:	NAD_83(CORS96)(EPOCH:2002.0000)		ITRF00 (EPOCH:2010.67571)	
X:	-1593880.603(m)	0.014(m)	-1593881.355(m)	0.014(m)
Y:	-4866604.735(m)	0.029(m)	-4866603.402(m)	0.029(m)
Z:	3792071.968(m)	0.028(m)	3792071.852(m)	0.028(m)
LAT:	36 42 14.79610	0.004(m)	36 42 14.81310	0.004(m)
E LON:	251 51 56.37708	0.009(m)	251 51 56.33159	0.009(m)
W LON:	108 8 3.62292	0.009(m)	108 8 3.66841	0.009(m)
EL HGT:	1596.154(m)	0.042(m)	1595.257(m)	0.042(m)
ORTHO HGT:	1617.345(m)	0.044(m)	[NAVD88 (Computed using GEOID09)]	

	UTM COORDINATES UTM (Zone 12)	STATE PLANE COORDINATES SPC (3003 NM W)
Northing (Y) [meters]	4065877.183	632689.798
Easting (X) [meters]	755990.512	803105.664
Convergence [degrees]	1.71368585	-0.17990736
Point Scale	1.00040742	0.99992557
Combined Factor	1.00015688	0.99967516

US NATIONAL GRID DESIGNATOR: 12SYF5599065877(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
AI0265	AZCN AZTEC CORS ARP	N365023.235	W1075439.422	24997.0
DI2245	P011 SPIDERROCKAZ2005 CORS ARP	N360859.363	W1093109.175	138617.3
DI3419	P012 MONTICELLOUT2006 CORS ARP	N380550.740	W1092001.762	187634.8
DJ8977	ABQ5 ALBUQUERQUE 5 CORS ARP	N345726.546	W1062940.037	244001.6
DE6386	ZAB1 ALBUQUERQUE 1 CORS ARP	N351024.854	W1063402.413	221019.7

NEAREST NGS PUBLISHED CONTROL POINT

GO0026	365	N364227.	W1080732.	870.1

This position and the above vector components were computed without any knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.