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

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expires March 31, 2012

Important: Read the instructions on pages 1-9.

SECTION A - PROPERTY INFORMATION

For Insurance Company Use:

A1. Building Owner's Name Tanya Hutchison — Policy Number

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. — Company NAIC Number
13 Road 2894
City Aztec State NM ZIP Code 87410

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
book 1505/ page 721

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) residential
A5. Latitude/Longitude: Lat. 36 51 36.45298N Long. 107 58 9.19297 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 9
A8. For a building with a crawlspace or enclosure(s):
a) Square footage of crawlspace or enclosure(s) 1694 sq ft
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 0
c) Total net area of flood openings in A8.b 0 sq in
d) Engineered flood openings? ☐ Yes ☐ No

A9. For a building with an attached garage:
a) Square footage of attached garage n/a sq ft
b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A9.b _____ 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 Aztec, 350065	San Juan	New Mexico

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)
0730	F	8/10		A	n/a

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 OPUS Vertical Datum NAVD 1988
Conversion/Comments _____

			Check the measurement used.
a)	Top of bottom floor (including basement, crawlspace, or enclosure floor)	5672.85	☒ feet ☐ meters (Puerto Rico only)
b)	Top of the next higher floor	5676.05	☒ 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)	5672.85	☒ feet ☐ meters (Puerto Rico only)
g)	Highest adjacent (finished) grade next to building (HAG)	5673.15	☒ feet ☐ meters (Puerto Rico only)
h)	Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	5672.85	☒ 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 NM9625
Title Owner Company Name Intermountain Mappping Services, LLC
Address 1875 Highway 170 City La Plata State NM ZIP Code 87418
Signature Digitally signed by Scott Andrae Date: 2012.04.14 10:01:19 -06'00' Date 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.	Policy Number
City State ZIP Code	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

Signature Date

☒ 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

Building Photographs

See Instructions for Item A6.

	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 13 Road 2894	Policy Number
City Aztec State NM ZIP Code 87410	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two 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.

Building Photographs

Continuation Page

	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 13 Road 2894	Policy Number
City Aztec State NM ZIP Code 87410	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.”

wildblue. Powered by Google

Scott W Andrae <scottandrae@wildblue.net>

OPUS-RS solution : 59351040.DAT OP1334413836239

1 message

opus <opus@ngs.noaa.gov> Sat, Apr 14, 2012 at 8:36 AM
Reply-To: ngs.opus@noaa.gov
To: scottandrae@wildblue.net

FILE: 59351040.DAT OP1334413836239

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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All computed coordinate accuracies are listed as 1-sigma RMS values.
For additional information: http://www.ngs.noaa.gov/OPUS/about.html#accuracy

USER: scottandrae@wildblue.net DATE: April 14, 2012
RINEX FILE: 5935104q.12o TIME: 14:35:33 UTC

SOFTWARE: rsgps 1.37 RS10.prl 1.73 START: 2012/04/13 16:05:40
EPHEMERIS: igu16835.eph [ultra-rapid] STOP: 2012/04/13 16:37:10
NAV FILE: brdc1040.12n OBS USED: 3312 / 3663 : 90%
ANT NAME: TRM5800 NONE QUALITY IND. 8.27/ 11.38
ARP HEIGHT: 2.072 NORMALIZED RMS: 0.321

REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2012.28328)

X:	-1576677.607(m)	0.009(m)	-1576678.379(m)	0.009(m)
Y:	-4861399.338(m)	0.026(m)	-4861398.006(m)	0.026(m)
Z:	3806009.394(m)	0.025(m)	3806009.268(m)	0.025(m)
LAT:	36 51 36.45298	0.006(m)	36 51 36.46973	0.006(m)
E LON:	252 1 50.80703	0.008(m)	252 1 50.76081	0.008(m)

W LON:	107 58 9.19297	0.008(m)	107 58 9.23919	0.008(m)
EL HGT:	1708.091(m)	0.035(m)	1707.192(m)	0.035(m)
ORTHO HGT:	1728.816(m)	0.039(m)	[NAVD88 (Computed using GEOID09)]	

	UTM COORDINATES (Zone 13)	STATE PLANE COORDINATES (3003 NM W)
Northing (Y) [meters]	4083472.374	649968.380
Easting (X) [meters]	235293.814	817883.363
Convergence [degrees]	-1.78216148	-0.08151372
Point Scale	1.00046331	0.99991847
Combined Factor	1.00019520	0.99965051

US NATIONAL GRID DESIGNATOR: 13SBA3529383472(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DH5816	P028 CHACOCNHP_NM2005 CORS ARP	N360154.048	W1075430.227	92117.8
DI2245	P011 SPIDERROCKAZ2005 CORS ARP	N360859.363	W1093109.175	159703.9
DI0438	NMGR GRANTS NMDOT CORS ARP	N351259.649	W1075548.368	182450.1
DK7753	P123 TRESPIEDRANM2006 CORS ARP	N363806.598	W1055439.006	185562.3
DI2266	P107 GRANTS____NM2006 CORS ARP	N350755.832	W1075248.029	191948.9
DL3478	R301 CRAWFORD CORS ARP	N383923.739	W1073527.367	202211.2
DH6918	MC05 MESA CNTY 05 COOP CORS ARP	N384422.383	W1080422.684	208846.0
DH6916	MC04 MESA CNTY 04 COOP CORS ARP	N384102.974	W1085825.824	220994.7
DH6912	MC02 MESA CNTY 02 COOP CORS ARP	N390052.897	W1082924.112	243535.0

NEAREST NGS PUBLISHED CONTROL POINT

GN0387	A 431	N365120.	W1075754.	632.6

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.