

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expires March 31, 2012

Important: Read the instructions on pages 1-9.

## SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name <u>Barbara Brown</u>		For Insurance Company Use: Policy Number
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <u>51 CR 2929</u>		Company NAIC Number
City <u>Aztec</u> State <u>NM</u> ZIP Code <u>87410</u>		
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <u>Lot 16, Villa de Animas Subdivision</u>		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>residential</u>		
A5. Latitude/Longitude: Lat. <u>36 51 4.53763</u> Long. <u>-107 59 3.36362</u>		Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> 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 <u>9</u>		
A8. For a building with a crawlspace or enclosure(s):		A9. For a building with an attached garage:
a) Square footage of crawlspace or enclosure(s) <u>2240</u> sq ft		a) Square footage of attached garage <u>n/a</u> sq ft
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>n/a</u>		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 A8.b <u>n/a</u> sq in		c) Total net area of flood openings in A9.b _____ sq in
d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No		d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No

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

B1. NFIP Community Name & Community Number <u>San County Unincorporated Areas 350064</u>		B2. County Name <u>San Juan</u>		B3. State <u>New Mexicp</u>	
B4. Map/Panel Number <u>730</u>	B5. Suffix <u>F</u>	B6. FIRM Index Date <u>8/2010</u>	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s) <u>A</u>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <u>n/a</u>
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9. <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other (Describe) _____					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other (Describe) _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date _____ <input type="checkbox"/> CBRS <input type="checkbox"/> 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 NAVD1988  
Conversion/Comments \_\_\_\_\_

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor) <u>5642.46</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor <u>5645.86</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only) <u>n/a</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab) <u>n/a</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) <u>n/a</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade next to building (LAG) <u>5644.48</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG) <u>5645.15</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support <u>n/a</u>	<input type="checkbox"/> feet <input type="checkbox"/> 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 <u>Scott Andrae</u>	License Number <u>NMLS9625</u>
Title <u>Owner</u>	Company Name <u>Intermountain Mapping Services, LLC</u>
Address <u>1875 Highway 170</u>	City <u>La Plata</u> State <u>NM</u> ZIP Code <u>87418</u>
Signature _____	Date _____ Telephone <u>505-325-5244</u>



<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. 51 CR 2929	Policy Number
City AztecState 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

Signature	Date	<input type="checkbox"/> 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 HAG.
- 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.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 51 CR 2929	For Insurance Company Use: 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.

**Front of structure looking NW**



# Building Photographs

Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 51 CR 2929	For Insurance Company Use: 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."	

Back of structure lookin East





Scott W Andrae &lt;scottandrae@wildblue.net&gt;

## OPUS-RS solution : 59352360.DAT 000306098

1 message

opus &lt;opus@ngs.noaa.gov&gt;

Thu, Aug 25, 2011 at 4:15 PM

Reply-To: ngs.opus@noaa.gov

To: scottandrae@wildblue.net

FILE: 59352360.DAT 000306098

### NGS OPUS-RS SOLUTION REPORT

=====

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](mailto:scottandrae@wildblue.net)

DATE: August 25, 2011

RINEX FILE: 5935236q.11o

TIME: 22:15:31 UTC

SOFTWARE: rsgps 1.35.1 RS4.prl 1.71            START: 2011/08/24 16:03:55  
 EPHEMERIS: igr16503.eph [rapid]            STOP: 2011/08/24 16:25:35  
 NAV FILE: brdc2360.11n                    OBS USED: 3312 / 3411 : 97%  
 ANT NAME: TRM5800                        QUALITY IND. 19.57/ 38.21  
 ARP HEIGHT: 2.072                        NORMALIZED RMS:      0.315

REF FRAME: NAD\_83(CORS96)(EPOCH:2002.0000)            ITRF00 (EPOCH:2011.64569)

X:	-1578134.398(m)	0.007(m)	-1578135.161(m)	0.007(m)
Y:	-4861539.939(m)	0.024(m)	-4861538.607(m)	0.024(m)
Z:	3805216.785(m)	0.020(m)	3805216.663(m)	0.020(m)

LAT:	36 51 4.53763	0.005(m)	36 51 4.55453	0.005(m)
E LON:	252 0 56.63638	0.007(m)	252 0 56.59050	0.007(m)
W LON:	107 59 3.36362	0.007(m)	107 59 3.40950	0.007(m)
EL HGT:	1699.448(m)	0.031(m)	1698.550(m)	0.031(m)
ORTHO HGT:	1720.211(m)	0.034(m)	[NAVD88 (Computed using GEOID09)]	

#### UTM COORDINATES    STATE PLANE COORDINATES

	UTM (Zone 13)	SPC (3003 NM W)
--	---------------	-----------------

Northing (Y) [meters]	4082530.412	648986.641
Easting (X) [meters]	233921.232	816540.076
Convergence [degrees]	-1.79083424	-0.09052146
Point Scale	1.00047229	0.99991890
Combined Factor	1.00020553	0.99965229

US NATIONAL GRID DESIGNATOR: 13SBA3392182530(NAD 83)

#### BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DH5816	P028 CHACOCNHP_NM2005	CORS ARP	N360154.048 W1075430.227	91226.1

DI2245 P011 SPIDERROCKAZ2005 CORS ARP	N360859.363	W1093109.175	158052.6
DL3642 MC09 NUCLA CORS ARP	N381435.613	W1083329.283	162641.0
DL3585 MC10 MONTROSE CORS ARP	N382720.136	W1075242.394	178352.9
DI0438 NMGR GRANTS NMDOT CORS ARP	N351259.649	W1075548.368	181497.6
DK7753 P123 TRESPIEDRANM2006 CORS ARP	N363806.598	W1055439.006	186775.7
DI2266 P107 GRANTS____NM2006 CORS ARP	N350755.832	W1075248.029	191027.7
DH6918 MC05 MESA CNTY 05 COOP CORS ARP	N384422.383	W1080422.684	209775.3
DH6916 MC04 MESA CNTY 04 COOP CORS ARP	N384102.974	W1085825.824	221373.0

## NEAREST NGS PUBLISHED CONTROL POINT

GN0356	E 18	N365035.	W1075833.	1182.7
--------	------	----------	-----------	--------

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.

---