

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 Michelle Gamblin		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. 33 Road 5509 City Bloomfield State NM ZIP Code 87413		Company NAIC Number
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>		
A5. Latitude/Longitude: Lat. <u>36 41 12.46150N</u> Long. <u>108 5 24.39956W</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>1</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>2100</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 <u>n/a</u>
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 <u>n/a</u> 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 Unincorporated Areas 35045C1050F		B2. County Name San Juan		B3. State NM	
B4. Map/Panel Number 1050	B5. Suffix F	B6. FIRM Index Date Preliminary 8/28/08	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s) X	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) N/A
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 checked="" 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 NAVD88
Conversion/Comments _____

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>5343.32</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	<u>5346.82</u>	<input 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>5345.32</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG)	<u>5591.81</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>5345.11</u>	<input checked="" 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 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	Date 11/14/10 Telephone 505-325-5244

PLACE SEAL HERE

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. 33 Road 5509	Policy Number
City Bloomfield State NM ZIP Code 87413	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 A 5/8' rebar with cap was set as a benchmark. Elevation was deterined using OPUS and GEOID09

Signature	Date 11/14/10	<input checked="" type="checkbox"/> Check here if attachments
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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
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- 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. 27 Road 3540	For Insurance Company Use: Policy Number
City Flora Vista State NM ZIP Code 87415	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 residence



Building Photographs

Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 33 Road 5509	For Insurance Company Use: Policy Number
City Bloomfield State NM ZIP Code 87413	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 residence



Floodplain several hundred feet behind residence



Scott W Andrae <scottandrae@wildblue.net>

OPUS-RS solution : 59353150.DAT 000165443

1 message

opus <opus@ngs.noaa.gov>

Sun, Nov 14, 2010 at 10:10 PM

Reply-To: ngs.opus@noaa.govTo: scottandrae@wildblue.net

FILE: 59353150.DAT 000165443

6030 ***** WARNING *****

6030 One or both of the standard deviations associated with

6030 horizontal coordinates is greater than 5 cm, and/or the

6030 standard deviation associated with the vertical coordinate

6030 is greater than 10 cm. This means that the vectors used to

6030 determine your position did not agree as well as expected.

6030 Often this is the result of problems with the adopted coordinates

6030 at one or more of the reference stations selected by OPUS-RS.

6030 If a problem reference station can be identified, it can

6030 be excluded with the Exclude feature on the OPUS Options

6030 page.

6030

NGS OPUS-RS SOLUTION REPORT

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USER: scottandrae@wildblue.net

DATE: November 15, 2010

RINEX FILE: 5935315q.10o

TIME: 05:10:33 UTC

SOFTWARE: rsgps 1.35.1 RS23.prl 1.62 START: 2010/11/11 16:51:45

EPHEMERIS: igr16094.eph [rapid] STOP: 2010/11/11 17:10:40

NAV FILE: brdc3150.10n OBS USED: 1140 / 1140 : 100%

ANT NAME: TRM5800 QUALITY IND. 19.25/ 16.67

ARP HEIGHT: 2.072 NORMALIZED RMS: 0.312

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

ITRF00 (EPOCH:2010.86222)

X:	-1590482.967(m)	0.072(m)	-1590483.721(m)	0.072(m)
Y:	-4868934.344(m)	0.198(m)	-4868933.010(m)	0.198(m)
Z:	3790537.898(m)	0.202(m)	3790537.781(m)	0.202(m)

LAT:	36 41 12.46150	0.066(m)	36 41 12.47849	0.066(m)
E LON:	251 54 35.60044	0.089(m)	251 54 35.55489	0.089(m)
W LON:	108 5 24.39956	0.089(m)	108 5 24.44511	0.089(m)
EL HGT:	1607.901(m)	0.269(m)	1607.002(m)	0.269(m)
ORTHO HGT:	1629.079(m)	0.270(m)	[NAVD88 (Computed using GEOID09)]	

UTM COORDINATES STATE PLANE COORDINATES

	UTM (Zone 12)	SPC (3003 NM W)
Northing (Y) [meters]	4064074.890	630756.958
Easting (X) [meters]	760000.813	807052.277
Convergence [degrees]	1.73945928	-0.15341000
Point Scale	1.00043292	0.99992315
Combined Factor	1.00018053	0.99967090

US NATIONAL GRID DESIGNATOR: 12SYF6000064074(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
AI0265	AZCN AZTEC CORS ARP	N365023.235	W1075439.422	23334.7
DI0438	NMGR GRANTS NMDOT CORS ARP	N351259.649	W1075548.368	163813.6
DI2266	P107 GRANTS___NM2006 CORS ARP	N350755.832	W1075248.029	173579.9
DL3642	MC09 NUCLA CORS ARP	N381435.613	W1083329.283	177676.5
DI3419	P012 MONTICELLOUT2006 CORS ARP	N380550.740	W1092001.762	191455.4
DK7753	P123 TRESPIEDRANM2006 CORS ARP	N363806.598	W1055439.006	194974.2

NEAREST NGS PUBLISHED CONTROL POINT

GO0029	Y 69 RESET	N364205.	W1080527.	1625.9
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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.
