

# ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

## SECTION A - PROPERTY INFORMATION

<b>A1. Building Owner's Name</b> Justin Homer	<b>For Insurance Company Use:</b>
	Policy Number
<b>A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.</b> 2525 Glade Road	Company NAIC Number
City Farmington State NM ZIP Code 87410	
<b>A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)</b>	
<b>A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)</b> <u>Residential</u>	
<b>A5. Latitude/Longitude: Lat.</b> <u>35 45 1136212</u> <b>Long.</b> <u>108 13 11.89649</u>	Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983
<b>A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.</b>	
<b>A7. Building Diagram Number</b> <u>5</u>	
<b>A8. For a building with a crawlspace or enclosure(s):</b>	<b>A9. For a building with an attached garage:</b>
a) Square footage of crawlspace or enclosure(s) <u>n/a</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

<b>B1. NFIP Community Name &amp; Community Number</b> Unincorporated Areas 35450690F		<b>B2. County Name</b> San Juan		<b>B3. State</b> NM	
<b>B4. Map/Panel Number</b> 0690	<b>B5. Suffix</b> F	<b>B6. FIRM Index Date</b> Preliminary 8/28/08	<b>B7. FIRM Panel Effective/Revised Date</b>	<b>B8. Flood Zone(s)</b> AE	<b>B9. Base Flood Elevation(s) (Zone AO, use base flood depth)</b> 5398.5
<b>B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.</b> <input checked="" type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other (Describe) _____					
<b>B11. Indicate elevation datum used for BFE in Item B9:</b> <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other (Describe) _____					
<b>B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?</b> <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 geoid09  
Conversion/Comments \_\_\_\_\_

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>5403.42</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	<u>n/a</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>5399.32</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG)	<u>5400.52</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>5399.65</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 <u>Scott Andrae</u>	License Number <u>9625</u>
Title <u>Owner</u>	Company Name <u>Intermountain Mapping Serices, LLC</u>
Address <u>1875 Hwy 170</u>	City <u>La Plata</u> State <u>NM</u> ZIP Code <u>87418</u>
Signature _____	Date <u>06/30/2010</u> Telephone <u>505-325-5244</u>

PLACE  
SEAL  
HERE

<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. 2525 Glade Road	Policy Number
City FarmingtonState 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 A 5/8' rebar with cap was set by the front fence. Elevation is 5401.679'. Elevation was determined using the NGS OPUS and Geoid 09.

Signature	Date 06/30/2010	<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. 2525 Glade Road	For Insurance Company Use: Policy Number
City Farmington 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.

Looking from the South end at the Front



# Building Photographs

Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 2525 Glade Road	For Insurance Company Use: Policy Number
City Farmington 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."	

Looking from the North end



Scott W Andrae <[scottandrae@wildblue.net](mailto:scottandrae@wildblue.net)>

## OPUS-RS solution : 70911410.DAT 000084533

1 message

opus <[opus@ngs.noaa.gov](mailto:opus@ngs.noaa.gov)>

Fri, May 21, 2010 at 3:15 PM

Reply-To: [ngs.opus@noaa.gov](mailto:ngs.opus@noaa.gov)To: [scottandrae@wildblue.net](mailto:scottandrae@wildblue.net)

FILE: 70911410.DAT 000084533

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

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 data at one  
 6030 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](mailto:scottandrae@wildblue.net)  
 RINEX FILE: 7091141r.10o

DATE: May 21, 2010  
 TIME: 21:15:47 UTC

SOFTWARE: rsgps 1.35 RS23.prl 1.59            START: 2010/05/21 17:22:15  
 EPHEMERIS: igu15845.eph [ultra-rapid]       STOP: 2010/05/21 17:44:00  
 NAV FILE: brdc1410.10n                      OBS USED: 1332 / 1530 : 87%  
 ANT NAME: TRM33429.00+GP                    QUALITY IND. 3.04/ 1.71  
 ARP HEIGHT: 1.371                            NORMALIZED RMS: 0.327

REF FRAME: NAD\_83(CORS96)(EPOCH:2002.0000)            ITRF00 (EPOCH:2010.38557)

X:	-1600141.427(m)	0.039(m)	-1600142.175(m)	0.039(m)
Y:	-4861147.797(m)	0.109(m)	-4861146.465(m)	0.109(m)
Z:	3796451.602(m)	0.096(m)	3796451.489(m)	0.096(m)

LAT:	36 45 11.31521	0.011(m)	36 45 11.33229	0.011(m)
E LON:	251 46 48.12064	0.013(m)	251 46 48.07522	0.013(m)
W LON:	108 13 11.87936	0.013(m)	108 13 11.92478	0.013(m)
EL HGT:	1625.302(m)	0.149(m)	1624.408(m)	0.149(m)
ORTHO HGT:	1646.452(m)	0.150(m)	[NAVD88 (Computed using GEOID09)]	

UTM COORDINATES    STATE PLANE COORDINATES  
 UTM (Zone 12)      SPC (3003 NM W)

Northing (Y) [meters]	4071092.697	638158.147
Easting (X) [meters]	748181.680	795477.004
Convergence [degrees]	1.66433393	-0.23135141
Point Scale	1.00035889	0.99993134
Combined Factor	1.00010380	0.99967636

US NATIONAL GRID DESIGNATOR: 12SYF4818171092(NAD 83)

#### BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
AI0265	AZCN AZTEC CORS ARP	N365023.235	W1075439.422	29216.2
DL3642	MC09 NUCLA CORS ARP	N381435.613	W1083329.283	168101.6
DI0438	NMGR GRANTS NMDOT CORS ARP	N351259.649	W1075548.368	172532.9
DI3419	P012 MONTICELLOUT2006 CORS ARP	N380550.740	W1092001.762	178867.3
DL3585	MC10 MONTROSE CORS ARP	N382720.136	W1075242.394	191388.8
DL3478	R301 CRAWFORD CORS ARP	N383923.739	W1073527.367	218477.0
DH6918	MC05 MESA CNTY 05 COOP CORS ARP	N384422.383	W1080422.684	220898.3
DH6916	MC04 MESA CNTY 04 COOP CORS ARP	N384102.974	W1085825.824	224434.8
DF4369	NMSF SANTA FE CORS ARP	N354025.623	W1055730.931	236038.7

#### NEAREST NGS PUBLISHED CONTROL POINT

AC7425	FMN K	N364436.641	W1081315.896	1076.8
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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.

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