

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 Jason Rottman	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. 22 Road 4540	Company NAIC Number
City Blanco State NM ZIP Code 87412	
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°45'31.59775"N Long. 107°46'34.66471"W	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 2	
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) 2072 sq ft	a) Square footage of attached garage n/a sq ft
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade n/a	b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade n/a
c) Total net area of flood openings in A8.b n/a sq in	c) Total net area of flood openings in A9.b n/a 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 35450775F		B2. County Name San Juan		B3. State NM	
B4. Map/Panel Number 0775	B5. Suffix F	B6. FIRM Index Date Preliminary 8/28/08	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s) A	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 checked="" 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 geoid09
Conversion/Comments _____

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	5613.49	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	5616.47	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	n/a	<input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	n/a	<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)	5614.77	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade next to building (LAG)	5614.75	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG)	5614.94	<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	n/a	<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 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 08/04/2010 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. 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 as a benchmark. Elevation is 5615.48'. Elevation was deterined using OPUS and GEOID09

Signature	Date 08/04/2010	<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.	

Front looking West



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:
City Farmington State NM ZIP Code 87410	Policy Number
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 North





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Scott W Andrae

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OPUS-RS solution : 70912141.DAT 000120341 Inbox X

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FILE: 70912141.DAT 000120341

NGS OPUS-RS SOLUTION REPORT
=====

USER: scottandrae@wildblue.net DATE: August 04, 2010
RINEX FILE: 7091214t.10o TIME: 16:19:46 UTC

SOFTWARE: rsgps 1.35 RS28.prl 1.60 START: 2010/08/02 19:13:45
EPHEMERIS: igr15951.eph [rapid] STOP: 2010/08/02 19:30:45
NAV FILE: brdc2140.10n OBS USED: 1056 / 1182 : 89%
ANT NAME: TRM33429.00+GP QUALITY IND. 10.59/ 9.99
ARP HEIGHT: 1.508 NORMALIZED RMS: 0.353

REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2010.58577)

X: -1562329.582(m) 0.019(m) -1562330.332(m) 0.019(m)
Y: -4873111.315(m) 0.051(m) -4873109.981(m) 0.051(m)
Z: 3796969.640(m) 0.043(m) 3796969.524(m) 0.043(m)

LAT: 36 45 30.69745 0.011(m) 36 45 30.71464 0.011(m)
E LON: 252 13 26.55113 0.008(m) 252 13 26.50593 0.008(m)
W LON: 107 46 33.44887 0.008(m) 107 46 33.49407 0.008(m)
EL HGT: 1690.845(m) 0.068(m) 1689.941(m) 0.068(m)
ORTHO HGT: 1711.600(m) 0.068(m) [NAVD88 (Computed using GEOID09)]

UTM COORDINATES STATE PLANE COORDINATES
UTM (Zone 13) SPC (3003 NM W)
Northing (Y) [meters] 4071679.567 638687.407
Easting (X) [meters] 252199.567 835122.750
Convergence [degrees] -1.66210053 0.03433591
Point Scale 1.00035656 0.99991699
Combined Factor 1.00009118 0.99965173

US NATIONAL GRID DESIGNATOR: 13SBA5219971679(NAD 83)

BASE STATIONS USED
PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m)
AI0265 AZCN AZTEC CORS ARP N365023.235 W1075439.422 15053.8
DH5816 P028 CHACOCNHP_NM2005 CORS ARP N360154.048 W1075430.227 81549.0
DK7753 P123 TRESPIEDRANM2006 CORS ARP N363806.598 W1055439.006 167283.5
DI2245 P011 SPIDERROCKAZ2005 CORS ARP N360859.363 W1093109.175 170282.4
DI2266 P107 GRANTS NM2006 CORS ARP N350755.832 W1075248.029 180747.2
DG7423 P036 ANGELFIRE_NM2004 CORS ARP N362512.969 W1051737.110 225344.0

NEAREST NGS PUBLISHED CONTROL POINT
GN0367 G 70 N364327. W1074849. 5090.4

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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ROAD 4540

Rottman House

SAN JUAN RIVER

ROAD 4410

0 1000 ft US

0 1000 ft US



elevation of lowest floor (bottom of crawl space) 5613.49'
elevation of next highest floor (house floor1 space) 5616.47'

