

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name James Ivy		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. #8 Road 2843 City Aztec State NM ZIP Code 87410		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° 52' 6.9" N</u> Long. <u>107 58 11 W</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>2845</u> sq ft		a) Square footage of attached garage _____ sq ft
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____		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 _____ sq in		c) Total net area of flood openings in A9.b _____ sq in
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number San Juan County and Incorporated Areas, 350067		B2. County Name San Juan	B3. State New Mexico		
B4. Map/Panel Number 730	B5. Suffix F	B6. FIRM Index Date 8/2010	B7. FIRM Panel Effective/Revised Date n/a	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 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 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 NAVD 1988
Conversion/Comments _____

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>5687.15</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	<u>5690.15</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>5687.10</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG)	<u>5690.10</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 Scott Andrae	License Number 9625
Title Owner	Company Name Intermountain Mapping Services, LLC
Address 18/5 Highway 170	City La Plata State NM ZIP Code 87418
Signature	Date 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. 8 Road 2843	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 This house sits on a permanent foundation, with a crawl space. Per FEMA instructions, the floor of the crawl space is the lowest floor. There is a sunroom built on the South side of the house, with part of its floor on a slab 0.56' above the elevation of the crawlspace. From the maps, this house is in Zone X, but lies adjacent to Zone A.

Signature	Date	<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. 8 Road 2843	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.

Back of house, looking Northeast



Building Photographs

Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 8 Road 2843	For Insurance Company Use: Policy Number
City Axtec 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."	

Front of house, looking Southeast





Scott W Andrae <scottandrae@wildblue.net>

OPUS-RS solution : 59353530.DAT OP1324401054209

1 message

opus <opus@ngs.noaa.gov>

Tue, Dec 20, 2011 at 10:29 AM

Reply-To: ngs.opus@noaa.gov

To: scottandrae@wildblue.net

FILE: 59353530.DAT OP1324401054209

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: December 20, 2011

RINEX FILE: 5935353r.11o

TIME: 17:29:16 UTC

SOFTWARE: rsgps 1.35.1 RS41.prl 1.72 START: 2011/12/19 17:33:25
 EPHEMERIS: igu16671.eph [ultra-rapid] STOP: 2011/12/19 17:58:10
 NAV FILE: brdc3530.11n OBS USED: 1600 / 1600 : 100%
 ANT NAME: TRM5800 NONE QUALITY IND. 12.32/ 10.23
 ARP HEIGHT: 1.615 NORMALIZED RMS: 0.313

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

ITRF00 (EPOCH:2011.96641)

X:	-1576564.152(m)	0.019(m)	-1576564.919(m)	0.019(m)
Y:	-4860854.149(m)	0.043(m)	-4860852.817(m)	0.043(m)
Z:	3806756.344(m)	0.036(m)	3806756.220(m)	0.036(m)

LAT:	36 52 6.60468	0.004(m)	36 52 6.62151	0.004(m)
E LON:	252 1 48.37417	0.007(m)	252 1 48.32813	0.007(m)

W LON: 107 58 11.62583 0.007(m) 107 58 11.67187 0.007(m)
 EL HGT: 1713.293(m) 0.059(m) 1712.394(m) 0.059(m)
 ORTHO HGT: 1733.995(m) 0.061(m) [NAVD88 (Computed using GEOID09)]

	UTM COORDINATES	STATE PLANE COORDINATES
	UTM (Zone 13)	SPC (3003 NM W)
Northing (Y) [meters]	4084403.699	650897.858
Easting (X) [meters]	235262.480	817824.434
Convergence [degrees]	-1.78291488	-0.08193508
Point Scale	1.00046351	0.99991849
Combined Factor	1.00019459	0.99964971

US NATIONAL GRID DESIGNATOR: 13SBA3526284403(NAD 83)

BASE STATIONS USED

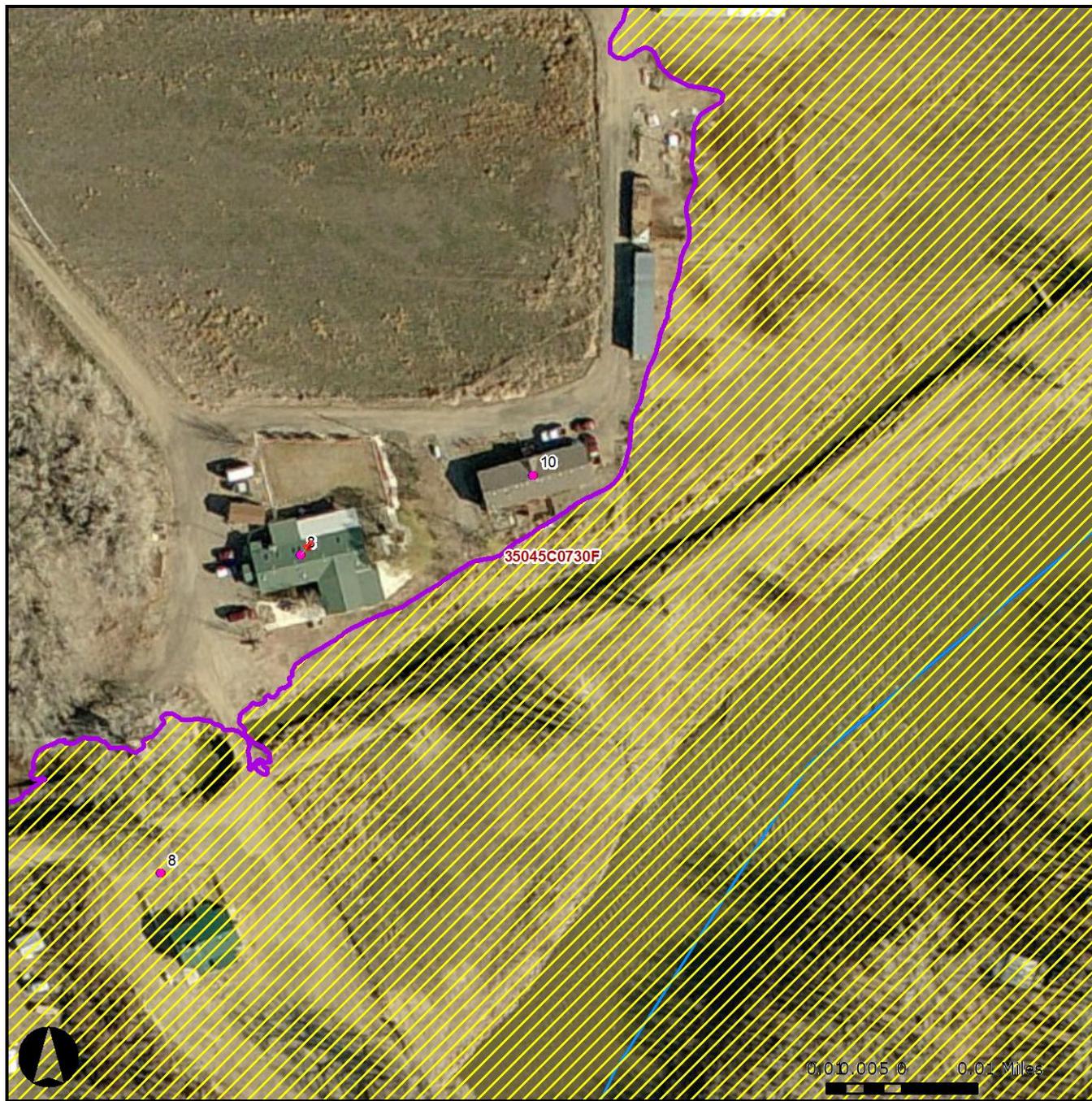
PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DH5816	P028 CHACOCNHP_NM2005	CORS ARP	N360154.048 W1075430.227	93049.4
DI2245	P011 SPIDERROCKAZ2005	CORS ARP	N360859.363 W1093109.175	160105.9
DI3419	P012 MONTICELLOUT2006	CORS ARP	N380550.740 W1092001.762	182126.4
DK7753	P123 TRESPIEDRANM2006	CORS ARP	N363806.598 W1055439.006	185739.6
DL3478	R301 CRAWFORD	CORS ARP	N383923.739 W1073527.367	201304.0
DH6918	MC05 MESA CNTY 05 COOP	CORS ARP	N384422.383 W1080422.684	207914.8
DH6916	MC04 MESA CNTY 04 COOP	CORS ARP	N384102.974 W1085825.824	220117.5
DF4369	NMSF SANTA FE	CORS ARP	N354025.623 W1055730.931	224180.2

NEAREST NGS PUBLISHED CONTROL POINT

GN0387	A 431	N365120.	W1075754.	1505.6
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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.

Map



San Juan County Addresses

SJC Road Status (continued)

Flood Hazard Area Zones

-  San Juan County Addresses
-  Aztec Addresses
-  Bloomfield Addresses
-  Farmington Addresses
-  Panels
-  SJC Road Status
 -  County Maintained
 -  City
 -  Highway
 -  Limited County Maintenance

-  Navajo Route
-  Oil Field Rd
-  Private
-  City Streets
-  Aztec City Limits
-  Bloomfield City Limits
-  Farmington City Limits
-  Fema Annual Flood
-  1 PCT ANNUAL CHANCE FLOOD HAZARD
-  FLOODWAY
-  Fema Cross Sections
-  Base Flood Elevation

-  A
-  AE
-  Rivers
-  Lakes
-  SJC County Boundary
-  Image
-  Red: Band_1
-  Green: Band_2
-  Blue: Band_3
-  Image
-  Red: Band_1
-  Green: Band_2
-  Blue: Band_3

Copyright

Floodplain

- Aztec City Limits: San Juan County GIS & Community Development
- Bloomfield City Limits: San Juan County New Mexico
- Farmington City Limits: San Juan County, New Mexico
- Aztec City Limits: San Juan County GIS & Community Development
- Bloomfield City Limits: San Juan County New Mexico
- Farmington City Limits: San Juan County, New Mexico