

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 Charlotte Richards		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. 80 Road 2929		Company NAIC Number
City Aztec State NM ZIP Code 87410		
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 62, Vila de Animas Subdivision		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>residential</u>		
A5. Latitude/Longitude: Lat. <u>36 51 9.64770 N</u> Long. <u>107 58 45.99797 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) _____ 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 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 35045C Unicorporated San Juan County		B2. County Name San Juan		B3. State New Mexico	
B4. Map/Panel Number 0730	B5. Suffix F	B6. FIRM Index Date 08/05/10	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 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>5651.03</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	<u>5653.52</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>5651.51</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG)	<u>5652.11</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>5652.11</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 NM9625
Title Owner	Company Name Intermountain Mapping Services, LLC
Address 1875 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. 80 Road 2929	Policy Number
City Aztec, State NM ZIP Code 87418	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
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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 LAG.
- 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. 80 Road 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 House looking East



Building Photographs

Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 80 Road 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 House looking West





Scott W Andrae <scottandrae@wildblue.net>

OPUS-RS solution : 59351360.DAT 000255642

1 message

opus <opus@ngs.noaa.gov>

Thu, May 19, 2011 at 1:14 PM

Reply-To: ngs.opus@noaa.gov

To: scottandrae@wildblue.net

FILE: 59351360.DAT 000255642

NGS OPUS-RS SOLUTION REPORT

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USER: scottandrae@wildblue.net

DATE: May 19, 2011

RINEX FILE: 5935136s.11o

TIME: 19:14:47 UTC

SOFTWARE: rsgps 1.35.1 RS29.prl 1.70 START: 2011/05/16 18:04:55
 EPHEMERIS: igr16361.eph [rapid] STOP: 2011/05/16 18:23:25
 NAV FILE: brdc1360.11n OBS USED: 1143 / 1962 : 58%
 ANT NAME: TRM5800 QUALITY IND. 8.41/ 18.51
 ARP HEIGHT: 2.072 NORMALIZED RMS: 0.302

REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2011.37194)

X:	-1577696.537(m)	0.022(m)	-1577697.296(m)	0.022(m)
Y:	-4861584.789(m)	0.042(m)	-4861583.457(m)	0.042(m)
Z:	3805344.356(m)	0.043(m)	3805344.236(m)	0.043(m)

LAT:	36 51 9.64770	0.013(m)	36 51 9.66467	0.013(m)
E LON:	252 1 14.00203	0.009(m)	252 1 13.95631	0.009(m)
W LON:	107 58 45.99797	0.009(m)	107 58 46.04369	0.009(m)
EL HGT:	1701.929(m)	0.062(m)	1701.031(m)	0.062(m)
ORTHO HGT:	1722.684(m)	0.064(m)	[NAVD88 (Computed using GEOID09)]	

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 13) SPC (3003 NM W)

Northing (Y) [meters]	4082674.494	649143.484
Easting (X) [meters]	234356.350	816970.490
Convergence [degrees]	-1.78799519	-0.08763132
Point Scale	1.00046944	0.99991876
Combined Factor	1.00020229	0.99965176

US NATIONAL GRID DESIGNATOR: 13SBA3435682674(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
AI0265	AZCN AZTEC CORS ARP	N365023.235	W1075439.422	6278.1
DH5816	P028 CHACOCNHP_NM2005 CORS ARP	N360154.048	W1075430.227	91352.1
DI2245	P011 SPIDERROCKAZ2005 CORS ARP	N360859.363	W1093109.175	158505.3
DL3642	MC09 NUCLA CORS ARP	N381435.613	W1083329.283	162624.7

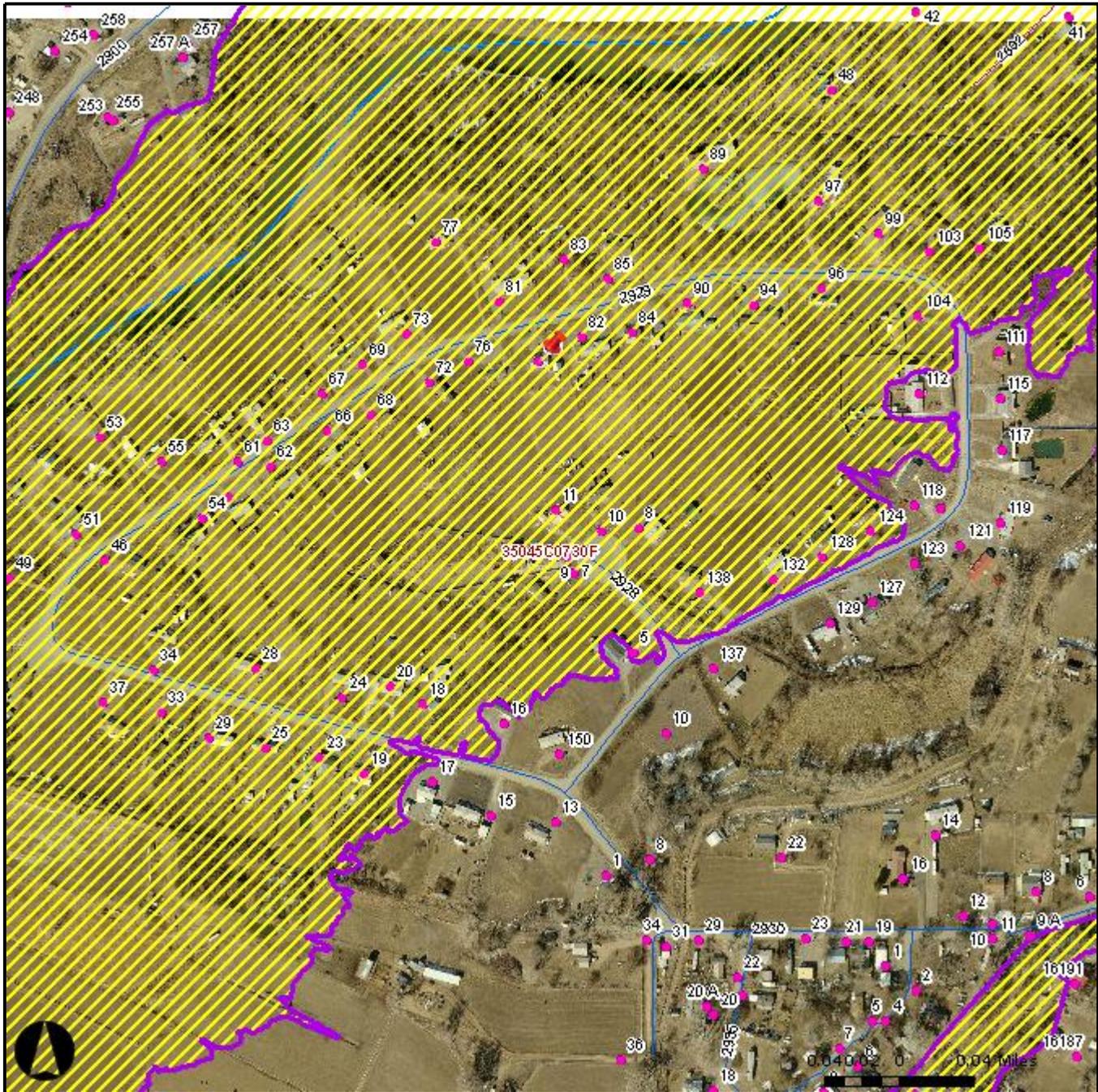
DL3585 MC10 MONTROSE CORS ARP	N382720.136 W1075242.394	178173.8
DI0438 NMGR GRANTS NMDOT CORS ARP	N351259.649 W1075548.368	181644.0
DK7753 P123 TRESPIEDRANM2006 CORS ARP	N363806.598 W1055439.006	186367.1
DI2266 P107 GRANTS____NM2006 CORS ARP	N350755.832 W1075248.029	191164.2
DH6918 MC05 MESA CNTY 05 COOP CORS ARP	N384422.383 W1080422.684	209634.2

NEAREST NGS PUBLISHED CONTROL POINT

GN0356	E 18	N365035.	W1075833.	1118.6
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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



San Juan County Addresses



Aztec Addresses



Bloomfield Addresses



Farmington Addresses



Panels

Base Flood Elevation



Flood Hazard Area Zones



AE



Rivers



Lakes



SJC Road Status

SJC Road Status (continued)

Navajo Route

Oil Field Rd

Private

City Roads

Aztec City Limits



Bloomfield City Limits



 Fema Annual Flood
 1 PCT ANNUAL CHANCE FLOOD HAZARD
 FLOODWAY
Fema Cross Sections


 County Maintained
 City
 Highway
 Limited County Maintenance

Farmington City Limits
 SJC County Boundary
 RGB
 Red: Band_1
 Green: Band_2
 Blue: Band_3

Copyright

FloodPlain_Map
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