

ELEVATION CERTIFICATE

IMPORTANT: Follow the instructions on pages 1-9.

OMB No. 1660-0008
 Expiration Date: July 31, 2015

SECTION A - PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

A1. Building Owner's Name Leith Longacre	Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 4908 Carol Creste Dr.	Company NAIC Number:
City Farmington State NM ZIP Code 87402	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Crestwood Estates No. 2, Phase III, Lot 10, Block1	
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential	
A5. Latitude/Longitude: Lat. 36 47 10.31052N Long. 108 8 48.70050W 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 1A	
A8. For a building with a crawlspace or enclosure(s): a) Square footage of crawlspace or enclosure(s) 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 c) Total net area of flood openings in A8.b n/a sq in d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No	A9. For a building with an attached garage: a) Square footage of attached garage 441 sq ft b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0 c) Total net area of flood openings in A9.b 0 sq in 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 350067, City of Farmington			B2. County Name San Juan		B3. State New Mexico
B4. Map/Panel Number 0695	B5. Suffix F	B6. FIRM Index Date 08/10/2012	B7. FIRM Panel Effective/Revised Date 08/10/2012	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 5672.60
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input checked="" type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
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/Source: _____					
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. In Puerto Rico only, enter meters.
 Benchmark Utilized: **OPUS** Vertical Datum: **NAVD 1988**

Indicate elevation datum used for the elevations in items a) through h) below. NGVD 1929 NAVD 1988 Other/Source: _____
 Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	5671 . 58	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	n/a	<input type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	n/a	<input type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab)	5671 . 62	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	n/a	<input type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	5671 . 58	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	5671 . 58	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	5671 . 58	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters

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
 Check here if attachments.

Certifier's Name Scott Andrae		License Number NM9625	
Title Solre Proprietor		Company Name Intermountain Mapping Services, LLC	
Address 1875 Highway 170		City La Plata	State NM
Signature		Date	ZIP Code 87418
		Telephone (505) 325-5244	

PLACE
SEAL
HERE

ELEVATION CERTIFICATE, page 2

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. 4908 Carol Creste Dr.			Policy Number:	
City Farmington	State NM	ZIP Code 87402	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

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 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–G10. In Puerto Rico only, enter meters.

- 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 Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ . _____ feet meters Datum _____

G10. Community's design flood elevation: _____ . _____ feet meters Datum _____

Local Official's Name _____ Title _____

Community Name _____ Telephone _____

Signature _____ Date _____

Comments

Check here if attachments.

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

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City Farmington	State NM	ZIP Code 87402	Company NAIC Number:

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 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." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.



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. 4908 Carol Creste Dr.			Policy Number:
City Farmington	State NM	ZIP Code 87402	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." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.





Scott W Andrae <scottandrae@wildblue.net>

OPUS-RS solution : 59353330.DAT OP1354200653148

1 message

opus <opus@ngs.noaa.gov>
 Reply-To: ngs.opus@noaa.gov
 To: scottandrae@wildblue.net

Thu, Nov 29, 2012 at 7:53 AM

FILE: 59353330.DAT OP1354200653148

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.jsp#accuracy>

USER: scottandrae@wildblue.net DATE: November 29, 2012
 RINEX FILE: 5935333s.12o TIME: 14:53:51 UTC

SOFTWARE: rsgps 1.37 RS92.prl 1.86 START: 2012/11/28 18:41:25
 EPHEMERIS: igu17163.eph [ultra-rapid] STOP: 2012/11/28 19:08:30
 NAV FILE: brdc3330.12n OBS USED: 1414 / 1757 : 80%
 ANT NAME: TRM5800 NONE QUALITY IND. 5.14/ 20.64
 ARP HEIGHT: 2.2 NORMALIZED RMS: 0.328

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) IGS08 (EPOCH:2012.90926)

X:	-1593274.024(m)	0.010(m)	-1593274.819(m)	0.010(m)
Y:	-4861160.728(m)	0.019(m)	-4861159.391(m)	0.019(m)
Z:	3799439.726(m)	0.012(m)	3799439.619(m)	0.012(m)

LAT:	36 47 10.31052	0.008(m)	36 47 10.32761	0.008(m)
E LON:	251 51 11.29950	0.009(m)	251 51 11.25225	0.009(m)

W LON: 108 8 48.70050 0.009(m) 108 8 48.74775 0.009(m)
 EL HGT: 1707.153(m) 0.021(m) 1706.270(m) 0.021(m)
 ORTHO HGT: 1728.210(m) 0.026(m) [NAVD88 (Computed using GEOID12A)]

UTM COORDINATES STATE PLANE COORDINATES

	UTM (Zone 12)	SPC (3003 NM W)
Northing (Y) [meters]	4074952.842	641802.132
Easting (X) [meters]	754600.095	802016.705
Convergence [degrees]	1.70946503	-0.18775135
Point Scale	1.00039865	0.99992631
Combined Factor	1.00013070	0.99965849

US NATIONAL GRID DESIGNATOR: 12SYF5460074952(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DH5816	P028 CHACOCNHP_NM2005	CORS ARP	N360154.048 W1075430.227	86439.4
DI2245	P011 SPIDERROCKAZ2005	CORS ARP	N360859.363 W1093109.175	141864.1
DL3642	MC09 NUCLA	CORS ARP	N381435.614 W1083329.283	165789.3
DI3419	P012 MONTICELLOUT2006	CORS ARP	N380550.740 W1092001.763	179515.3
DK7753	P123 TRESPIEDRANM2006	CORS ARP	N363806.598 W1055439.006	200538.8
DL3478	R301 CRAWFORD	CORS ARP	N383923.739 W1073527.367	213356.4
DH6918	MC05 MESA CNTY 05 COOP	CORS ARP	N384422.383 W1080422.683	216948.8

NEAREST NGS PUBLISHED CONTROL POINT

GO0228	L 431	N364636.	W1080741.	1984.2
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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.