

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

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

SECTION A - PROPERTY INFORMATION

FOR INSURANCE COMPANY USE
 Policy Number:
 Company NAIC Number:

A1. Building Owner's Name John A. and Jo Ann Youngstrom
 A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
 48 Road 3291
 City Aztec State NM ZIP Code 87410

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
 Parcel # 2068176059278

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential
 A5. Latitude/Longitude: Lat. 36 47 54.0 Long. 108 03 39.5 Horizontal Datum: NAD 1927 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 6

A8. For a building with a crawlspace or enclosure(s):
 a) Square footage of crawlspace or enclosure(s) 1512 sq ft
 b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 0
 c) Total net area of flood openings in A8.b 0 sq in
 d) Engineered flood openings? Yes No
 A9. For a building with an attached garage:
 a) Square footage of attached garage NA sq ft
 b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade NA
 c) Total net area of flood openings in A9.b NA sq in
 d) Engineered flood openings? Yes No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number San Juan County / 350064		B2. County Name San Juan		B3. State New Mexico	
B4. Map/Panel Number 35045C / 0720	B5. Suffix F	B6. FIRM Index Date 08/05/2010	B7. FIRM Panel Effective/Revised Date 08/05/2101	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 5504.00

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
 FIS Profile FIRM Community Determined Other/Source: _____
 B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source: _____
 B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No
 Designation Date: _____ CBRS 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: GPS/OPUS Vertical Datum: NAVD88
 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)	<u>5507.05</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
b) Top of the next higher floor	<u>5510.20</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>NA</u>	<input type="checkbox"/> feet	<input type="checkbox"/> meters
d) Attached garage (top of slab)	<u>NA</u>	<input 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)	<u>NA</u>	<input type="checkbox"/> feet	<input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>5506.78</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>5507.23</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>NA</u>	<input 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 A. Martin License Number 21663
 Title Registered Surveyor Company Name Sakura Engineering & Surveying
 Address 125 W. Main, Suite A City Farmington State NM ZIP Code 87401
 Signature [Signature] Date 7-29-13 Telephone 505-564-2139



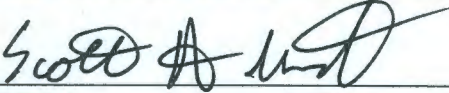
ELEVATION CERTIFICATE, page 2

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. 48 Road 3291	Policy Number:
City Aztec State 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 Elevation of proposed home location is 5506.30. Set temporary bench mark elevation 30.00 feet southeast of home location. Temporary bench mark elevation is 5506.81. Flooding threat is from Animas River.

 7-29-13
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'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–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–G10) 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.

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.
48 Road 3291

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 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.

FRONT



RIGHT



Building Photographs

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.
48 Road 3291

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." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

REAR



LEFT



From : opus <opus@ngs.noaa.gov> [+] Date : Thu, 4 Apr 2013 18:21:01 -0400
To : tojoe@sakuraeng.com [+]
Subject : OPUS solution : 7388_0403_152535.m00 OP1365113893299
FILE: 7388_0403_152535.m00 OP1365113893299

NGS OPUS SOLUTION REPORT
=====

All computed coordinate accuracies are listed as peak-to-peak values.
For additional information: http://www.ngs.noaa.gov/OPUS/about.jsp#accuracy

USER: tojoe@sakuraeng.com DATE: April 04, 2013
RINEX FILE: 7388093v.130 TIME: 22:20:38 UTC

SOFTWARE: page5 1209.04 master43.pl 082112 START: 2013/04/03 21:26:00
EPHEMERIS: igr17343.eph [rapid] STOP: 2013/04/03 23:29:00
NAV FILE: brdc0930.13n OBS USED: 5491 / 5622 : 98%
ANT NAME: LEIGS15 NONE # FIXED AMB: 33 / 33 : 100%
ARP HEIGHT: 1.364 OVERALL RMS: 0.013(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) IGS08 (EPOCH:2013.2546)

X: -1586963.274(m) 0.005(m) -1586964.074(m) 0.005(m)
Y: -4861478.644(m) 0.016(m) -4861477.306(m) 0.016(m)
Z: 3801655.819(m) 0.008(m) 3801655.711(m) 0.008(m)

LAT: 36 48 40.10443 0.003(m) 36 48 40.12152 0.003(m)
E LON: 251 55 17.16947 0.005(m) 251 55 17.12204 0.005(m)
W LON: 108 4 42.83053 0.005(m) 108 4 42.87796 0.005(m)
EL HGT: 1705.551(m) 0.018(m) 1704.666(m) 0.018(m)
ORTHO HGT: 1726.509(m) 0.034(m) [NAVD88 (Computed using GEOID12A)]

UTM COORDINATES STATE PLANE COORDINATES
UTM (Zone 13) SPC (3003 NM W)
Northing (Y) [meters] 4078345.141 644552.103
Easting (X) [meters] 225367.920 808119.541
Convergence [degrees] -1.84576500 -0.14693774
Point Scale 1.00052929 0.99992256
Combined Factor 1.00026156 0.99965499

US NATIONAL GRID DESIGNATOR: 13SBA2536778345(NAD 83)

BASE STATIONS USED
PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m)
DL3642 MC09 NUCLA CORS ARP N381435.614 W1083329.283 164539.4
DH5816 P028 CHACOCNHP_NM2005 CORS ARP N360154.048 W1075430.227 87854.9
DI0438 NMGR GRANTS NMDOT CORS ARP N351259.649 W1075548.368 177484.3

NEAREST NGS PUBLISHED CONTROL POINT
GO0231 H 431 N364818. W1080456. 757.3

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.

Bench mark for 48 Road 3291

SAKURA ENG

Flora Vista Hillside Estates

4 April 2013

INPUT

Geographic, NAD83
Vertical - NAVD88, Meters

OUTPUT

State Plane, NAD83
3003 - New Mexico West, U.S. Feet
Vertical - NAVD88, U.S. Feet

CNTRL PNT

1/1

Latitude: 36 48 40.10443
Longitude: 108 04 42.83053
Elevation/Z: 1726.509

Northing/Y: 2114668.025
Easting/X: 2651305.529
Elevation/Z: 5664.388
Convergence: -0 08 48.97585
Scale Factor: 0.999922563
Combined Factor: 0.999654992

Remark: