U.S. DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
*National Flood Insurance Program*

# 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 Ronald L. Hackett

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
505 Blanco St.
City Aztec State NM ZIP Code 87410

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Parcel # 2064178074094

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential

A5. Latitude/Longitude: Lat. 36 49 19.7 Long. 107 59 23.7 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 9

A8. For a building with a crawlspace or enclosure(s):
a) Square footage of crawlspace or enclosure(s) 1792 sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A8.b _____ sq in
d) Engineered flood openings? ☐ Yes ☐ No

A9. For a building with an attached garage:
a) Square footage of attached garage _____ sq ft
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A9.b _____ sq in
d) Engineered flood openings? ☐ Yes ☐ No

## SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

| B1. NFIP Community Name & Community Number | B2. County Name | B3. State |
|---|---|---|
| City of Aztec / 350065 | San Juan | NM |

| B4. Map/Panel Number | B5. Suffix | B6. FIRM Index Date | B7. FIRM Panel Effective/Revised Date | B8. Flood Zone(s) | B9. Base Flood Elevation(s) (Zone AO, use base flood depth) |
|---|---|---|---|---|---|
| 35045C / 0730F | F | 08/05/2010 | 08/05/2010 | A | |

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.

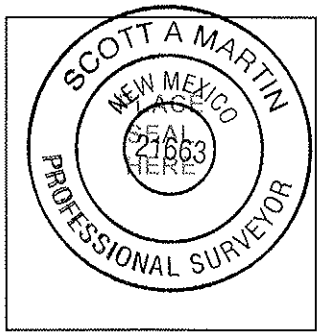
| | | Check the measurement used. | |
|---|---|---|---|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor) | 5666 .99 | ☒ feet | ☐ meters |
| b) Top of the next higher floor | 5669 .32 | ☒ feet | ☐ meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | NA . | ☐ feet | ☐ meters |
| d) Attached garage (top of slab) | NA . | ☐ feet | ☐ meters |
| e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) | NA . | ☐ feet | ☐ meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | 5669 .74 | ☒ feet | ☐ meters |
| g) Highest adjacent (finished) grade next to building (HAG) | 5669 .84 | ☒ feet | ☐ meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | NA . | ☐ feet | ☐ 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.
☐ Check here if attachments.

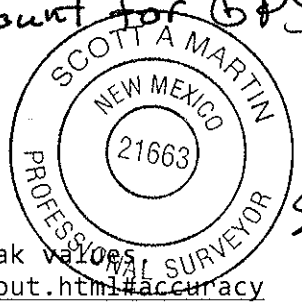
Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No




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 7-25-13 Telephone 505-564-2139

**Subject:** OPUS solution : 7388_0715_112930.m00 000276849
**From:** opus <opus@NGS.NOAA.GOV>
**Date:** 7/18/2011 9:01 AM
**To:** t0sc0tt0@sakuraeng.com

Adjust elevation - 0.36m to account for GPS Hook.




FILE: 7388_0715_112930.m00 000276849

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

USER: t0sc0tt0@sakuraeng.com
RINEX FILE: 7388196r.11o
DATE: July 18, 2011
TIME: 15:01:19 UTC

SOFTWARE: page5 1106.16 master10.pl 062011
EPHEMERIS: igr16445.eph [rapid]
NAV FILE: brdc1960.11n
ANT NAME: LEIGS15 NONE
ARP HEIGHT: 1.016 + 0.36 = 1.376
START: 2011/07/15 17:30:00
STOP: 2011/07/15 20:49:00
OBS USED: 8361 / 8992 : 93%
# FIXED AMB: 72 / 81 : 89%
OVERALL RMS: 0.012(m)

| REF FRAME: | NAD_83(CORS96)(EPOCH:2002.0000) | | ITRF00 (EPOCH:2011.5364) | |
|---|---|---|---|---|
| X: | -1577273.854(m) | 0.006(m) | -1577274.615(m) | 0.006(m) |
| Y: | -4863058.018(m) | 0.004(m) | -4863056.686(m) | 0.004(m) |
| Z: | 3803798.489(m) | 0.007(m) | 3803798.368(m) | 0.007(m) |
| LAT: | 36 50 4.81231 | 0.003(m) | 36 50 4.82924 | 0.003(m) |
| E LON: | 252 1 48.56984 | 0.006(m) | 252 1 48.52405 | 0.006(m) |
| W LON: | 107 58 11.43016 | 0.006(m) | 107 58 11.47595 | 0.006(m) |
| EL HGT: | 1792.034(m) | 0.009(m) | 1791.135(m) | 0.009(m) |
| ORTHO HGT: | [illegible] | 0.021(m) | [NAVD88 (Computed using GEOID09)] | |

1812.47m

| | UTM COORDINATES UTM (Zone 13) | STATE PLANE COORDINATES SPC (3003 NM W) |
|---|---|---|
| Northing (Y) [meters] | 4080649.209 | 647143.747 |
| Easting (X) [meters] | 235150.511 | 817823.915 |
| Convergence [degrees] | -1.78147912 | -0.08183797 |
| Point Scale | 1.00046425 | 0.99991849 |
| Combined Factor | 1.00018297 | 0.99963736 |

US NATIONAL GRID DESIGNATOR: 13SBA3515080649(NAD 83)

BASE STATIONS USED

| PID | DESIGNATION | LATITUDE | LONGITUDE | DISTANCE(m) |
|---|---|---|---|---|
| DI0438 | NMGR GRANTS NMDOT CORS ARP | N351259.649 | W1075548.368 | 179627.4 |
| DL3585 | MC10 MONTROSE CORS ARP | N382720.136 | W1075242.394 | 180131.6 |
| DI2245 | P011 SPIDERROCKAZ2005 CORS ARP | N360859.363 | W1093109.175 | 158300.5 |

NEAREST NGS PUBLISHED CONTROL POINT

| | | | | |
|---|---|---|---|---|
| GN0386 | B 431 | N365025. | W1075832. | 805.5 |

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.