## U.S. DEPARTMENT OF HOMELAND SECURITY FEDERAL EMERGENCY MANAGEMENT AGENCY

#### **ELEVATION CERTIFICATE**

National Flood Insurance Program

important: Read the instructions on pages 1-9.

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

**SECTION A - PROPERTY INFORMATION** FOR RISURANCE COMPANY USE A1. Building Owner's Name James W. Douglas **Policy Kumber** A2. Building Street Address (including Apt., Unit, Suite, and/or Bidg. No.) or P.O. Route and Box No. (eanimivil/Alexanda 53 Rd 4510, Blanco City Blanco State NM ZIP Code 87416 A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Parcel No. 2054171147469 Book 1382 Page 274 A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential A5. Latitude/Longitude: Lat. 36 43 53 51.9 Long. 107 48 56.0 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): A9. For a building with an attached garage: a) Square footage of crawlspace or enclosure(s) <u>1216</u> sq ft a) Square footage of attached garage sq ft NA b) Number of permanent flood openings in the crawlspace b) Number of permanent flood openings in the attached garage or enclosure(s) within 1.0 foot above adjacent grade <u>NA</u> within 1.0 foot above adjacent grade NA Total net area of flood openings in A8.b Total net area of flood openings in A9.b NA sq in NA sg in d) Engineered flood openings? d) Engineered flood openings? ☐ Yes ☐ No ☐ Yes □ No SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION B1. NFIP Community Name & Community Number B2. County Name B3. State San Juan County / 350064 San Juan New Mexico B4. Map/Panel Number B7. FIRM Panel B5. Suffix B6. FIRM Index Date B8. Flood Base Flood Elevation(s) (Zone 35045C / 1100 08/05/2010 Effective/Revised Date Zone(s) AO, use base flood depth) 08/05/2010 NΑ А B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9. ☐ FIS Profile ☐ FIRM Community Determined 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: ☐ OPA CBRS 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) 5556.58 feet meters b) Top of the next higher floor 5559.58 meters c) Bottom of the lowest horizontal structural member (V Zones only) ☐ feet ☐ meters d) Attached garage (top of slab) NA ☐ feet ☐ meters e) Lowest elevation of machinery or equipment servicing the building NA [ feet meters (Describe type of equipment and location in Comments) f) Lowest adjacent (finished) grade next to building (LAG) ✓ feet
 meters 5556.50 g) Highest adjacent (finished) grade next to building (HAG) meters 5556 .52 h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support [] 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 COTT information. I certify that the information on this Certificate represents my best efforts to interpret the data available. A MAA I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001. RLAGE Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a Check here if attachments. licensed land surveyor? Yes □ No SEA PORTONAL SUR 2HERN Certifler's Name Scott A. Martin License Number 21663 Title Licensed Surveyor Company Name Sakura Engineering & Surveying Address 125 W. Main, Suite A City Farmington State NM ZIP Code 87401 Signature Date Telephone 505-564-2139

### **ELEVATION CERTIFICATE**, page 3

# 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. 53 Rd 4510, Blanco		Policy Number:	
City Blanco	State NM	ZIP Code 87416	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.



**Subject:** OPUS solution: 7388\_0218\_150723.m00 OP1361387413867

From: opus <opus@ngs.noaa.gov>

Date: 2/20/2013 12:11 PM To: sakura@sakuraeng.com

FILE: 7388\_0218\_150723.m00 OP1361387413867

NGS OPUS SOLUTION REPORT **\*\*\*\*\*** 

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

USER: sakura@sakuraeng.com DATE: February 20, 2013

RINEX FILE: 7388049w.13o TIME: 19:11:07 UTC

SOFTWARE: page5 1209.04 master72.pl 082112 START: 2013/02/18 22:08:00 EPHEMERIS: igr17281.eph [rapid] STOP: 2013/02/19 01:23:00 NAV FILE: brdc0490.13n OBS USED: 8846 / 9044 : 98% ANT NAME: LEIGS15 NONE # FIXED AMB: 41 / 44 : 93%

ARP HEIGHT: 1.118 OVERALL RMS: 0.011(m)

REF FRAME: NAD\_83(2011)(EPOCH:2010.0000) IGS08 (EPOCH:2013.1342)

Χ: -1565690.224(m) 0.036(m)-1565691.021(m) 0.036(m)0.053(m) Y: 0.053(m)-4874202.570(m) -4874201.230(m) Z: 3794223.974(m) 0.022(m)3794223.865(m) 0.022(m)LAT: 36 43 39.25943 0.027(m)36 43 39.27661 0.027(m)

E LON: 252 11 31.03785 0.045(m) 252 11 30.99076 0.045(m)W LON: 107 48 28.96215 0.045(m) 107 48 29.00924 0.045(m)EL HGT: 1703.811(m) 0.046(m) 1702.919(m) 0.046(m)

ORTHO HGT: 1724.664(m) 0.079(m) [NAVD88 (Computed using GEOID12A)]

UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 13) SPC (3003 NM W)

Northing (Y) [meters] 4068328.208 Easting (X) [meters] 249233.823 Convergence [degrees] -1.68011688 4068328.208 635251.292 249233.823 832258.770 0.01512267 Point Scale 1.00037479 0.99991673 Combined Factor 1.00010737 0.99964943

US NATIONAL GRID DESIGNATOR: 13SBA4923368328(NAD 83)

#### BASE STATIONS USED

PID DESIGNATION LONGITUDE DISTANCE(m) LATITUDE DK7753 P123 TRESPIEDRANM2006 CORS ARP DK7753 P123 TRESPIEDRANM2006 CORS ARP N363806.598 W1055439.006 D02634 CTI4 COMPASSTOOLS4CRNR CORS ARP N370910.489 W1074521.876 N363806.598 W1055439.006 169934.0 47444.2 DI2245 P011 SPIDERROCKAZ2005 CORS ARP N360859.363 W1093109.175 166319.2

NEAREST NGS PUBLISHED CONTROL POINT

GN0367 G 70 N364327. W1074849. 624.8 OPUS solution: 7388\_0218\_150723.m00 OP1361387413867

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.