

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 Pam Sutherlin | 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. 41 road 2892 | Company NAIC Number |
| City Aztec State NM ZIP Code 87410 | |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Book 1355/Page 875 recorded in the office of the San Juan County Clerk, San Juan County, NM | |
| A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>residential</u> | |
| A5. Latitude/Longitude: Lat. <u>36 51 19.37543 N</u> Long. <u>107 58 27.75625 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>5</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) <u>n/a</u> sq ft | a) Square footage of attached garage <u>n/a</u> 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 checked="" 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 San Juan County, NM and Incorporated Areas, 350064 | | B2. County Name San Juan | | B3. State NM | |
| B4. Map/Panel Number 0730 | B5. Suffix F | B6. FIRM Index Date 8/2010 | B7. FIRM Panel Effective/Revised Date n/a | 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) <u>n/a</u> | | | | | |
| 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) <u>n/a</u> | | | | | |
| 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 _____

elevations should read 56xx.xx, not 55xx.xx

Check the measurement used.

| | | | |
|--|----------------|--|--|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor) | <u>5559.03</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| b) Top of the next higher floor | <u>n/a.</u> | <input 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>5555.85</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| g) Highest adjacent (finished) grade next to building (HAG) | <u>5556.57</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>5556.45</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 <u>Scott Andrae</u> | License Number <u>NM 9625</u> |
| Title <u>Owner</u> | Company Name <u>Intermountain Mapping Services, LLC</u> |
| Address <u>1875 Hwy 170</u> | City <u>La Plata</u> State <u>NM</u> ZIP Code <u>87418</u> |
| Signature _____ | Date _____ Telephone <u>505-325-5244</u> |

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. 41 Road 2892 | Policy Number |
| City AztecState 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

| | | |
|-----------|------|---|
| Signature | Date | <input checked="" type="checkbox"/> Check here if attachments |
|-----------|------|---|

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 |
|-------------------|------------------------|---|

- 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. 41 Road 2892 | 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 structure, looking Southerly.



Building Photographs

Continuation Page

| | |
|--|---|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 41 Road 2892 | For Insurance Company Use: Policy Number |
| City Aztec State NM ZIP Code 87418 | 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 structure looking Norherly





Scott W Andrae <scottandrae@wildblue.net>

OPUS-RS solution : 59350260.DAT OP1327624239207

1 message

opus <opus@ngs.noaa.gov>

Thu, Jan 26, 2012 at 5:58 PM

Reply-To: ngs.opus@noaa.gov

To: scottandrae@wildblue.net

FILE: 59350260.DAT OP1327624239207

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.html#accuracy>USER: scottandrae@wildblue.net

DATE: January 27, 2012

RINEX FILE: 5935026u.12o

TIME: 00:58:24 UTC

SOFTWARE: rsgps 1.37 RS81.prl 1.72 START: 2012/01/26 20:32:40
 EPHEMERIS: igu16724.eph [ultra-rapid] STOP: 2012/01/26 21:02:05
 NAV FILE: brdc0260.12n OBS USED: 3255 / 3255 : 100%
 ANT NAME: TRM5800 NONE QUALITY IND. 18.93/ 26.02
 ARP HEIGHT: 2.072 NORMALIZED RMS: 0.355

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

ITRF00 (EPOCH:2012.07067)

| | | | | |
|----|-----------------|----------|-----------------|----------|
| X: | -1577211.395(m) | 0.012(m) | -1577212.164(m) | 0.012(m) |
| Y: | -4861554.197(m) | 0.032(m) | -4861552.865(m) | 0.032(m) |
| Z: | 3805585.172(m) | 0.029(m) | 3805585.048(m) | 0.029(m) |

| | | | | |
|--------|----------------|----------|----------------|----------|
| LAT: | 36 51 19.37543 | 0.004(m) | 36 51 19.39224 | 0.004(m) |
| E LON: | 252 1 32.24375 | 0.005(m) | 252 1 32.19764 | 0.005(m) |

W LON: 107 58 27.75625 0.005(m) 107 58 27.80236 0.005(m)
 EL HGT: 1703.272(m) 0.044(m) 1702.374(m) 0.044(m)
 ORTHO HGT: 1724.015(m) 0.047(m) [NAVD88 (Computed using GEOID09)]

UTM COORDINATES STATE PLANE COORDINATES

| | UTM (Zone 13) | SPC (3003 NM W) |
|-----------------------|---------------|-----------------|
| Northing (Y) [meters] | 4082960.265 | 649442.651 |
| Easting (X) [meters] | 234817.591 | 817422.799 |
| Convergence [degrees] | -1.78506304 | -0.08459756 |
| Point Scale | 1.00046642 | 0.99991861 |
| Combined Factor | 1.00019906 | 0.99965141 |

US NATIONAL GRID DESIGNATOR: 13SBA3481782960(NAD 83)

BASE STATIONS USED

| PID | DESIGNATION | LATITUDE | LONGITUDE | DISTANCE(m) |
|--------|---------------------------------|-------------|--------------|-------------|
| DL3642 | MC09 NUCLA CORS ARP | N381435.613 | W1083329.283 | 162481.4 |
| DL3585 | MC10 MONTROSE CORS ARP | N382720.136 | W1075242.394 | 177852.4 |
| DI0438 | NMGR GRANTS NMDOT CORS ARP | N351259.649 | W1075548.368 | 181933.2 |
| DL3478 | R301 CRAWFORD CORS ARP | N383923.739 | W1073527.367 | 202805.8 |
| DH6918 | MC05 MESA CNTY 05 COOP CORS ARP | N384422.383 | W1080422.684 | 209352.6 |
| DH6916 | MC04 MESA CNTY 04 COOP CORS ARP | N384102.974 | W1085825.824 | 221297.1 |
| DH6912 | MC02 MESA CNTY 02 COOP CORS ARP | N390052.897 | W1082924.112 | 243967.6 |

NEAREST NGS PUBLISHED CONTROL POINT

| | | | | |
|--------|-------|-------------|--------------|--------|
| GN0388 | Z 430 | N365210.923 | W1075655.059 | 2792.9 |
|--------|-------|-------------|--------------|--------|

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.
