

Elevation Certificate Checklist

Parcel Number 402-02-381V
Surveyor/Engineer MARC DuBROY

SECTION A - PROPERTY INFORMATION

- ☐ ☒ A1-4. Building Owner and Property Information
☐ ☒ A5. Latitude/Longitude, Horizontal Datum: NAD 1927 NAD 1983
☐ ☒ A7. Building Diagram Number
☐ ☐ A8. Crawlspace Information
☐ ☒ A9. Attached Garage Information

N/A

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

- ☐ ☒ B1. NFIP Community Name & Community Number
☐ ☒ B2-7. Community and Map Information
☐ ☒ B8. Flood Zone(s)
☐ ☒ B9. Base Flood Elevation(s)
☐ ☒ B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
☐ ☒ B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other (Describe)
☐ ☒ B12. Coastal Barrier Resources System (CBRS)

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

- ☐ ☒ C1. Building elevations are based on: Construction Drawings, Building Under Construction, or Finished Construction
☐ ☒ C2. Verify: Same datum as the BFE.
☐ ☒ Benchmark Utilized
☐ ☒ Vertical Datum
☐ ☐ Conversion/Comments
☐ ☒ a) Top of bottom floor (including basement, crawlspace, or enclosure floor).
☐ ☐ b) Top of the next higher floor.
☐ ☐ c) Bottom of the lowest horizontal structural member (V Zones only).
☐ ☒ d) Attached garage (top of slab).
☐ ☒ e) Lowest elevation of machinery or equipment servicing the building.
(Describe type of equipment and location in Comments)
☐ ☒ f) Lowest adjacent (finished) grade next to building (LAG).
☐ ☒ g) Highest adjacent (finished) grade next to building (HAG).
☐ ☒ h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support.
☐ ☒ Verify that the information meets requirements (RFE, venting). **A/C UNIT - 10' BELOW RFE**

N/A

N/A
N/A

N/A

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

- ☐ ☒ Verify Surveyor/Engineer Section is complete

Page 2:

- ☐ ☒ Building Information from Section A
☐ ☒ Comment Section Includes Machinery Information
☐ ☐ Comment Section Includes Lowest Horizontal Structural Member for Manufactured Home
☐ ☒ Signature and Date

N/A

SECTION E

- ☐ ☐ Filled Out for Zone A with no BFE established

SECTION F

- ☐ ☐ Filled Out if Applicable

SECTION G

- ☐ ☐ Filled Out and Signed if Applicable

N/A

N/A

N/A

[Signature] Hydrologist Initials

[Signature] Unit Manager Initials

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 LARRY & KAY PRICE | | For Insurance Company Use: |
| A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1265 S. RIVER DRIVE | | Policy Number |
| City DEWEY-HUMBOLDT | State AZ | Company NAIC Number |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) APN: 402-02-381V | | |
| A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL | | |
| A5. Latitude/Longitude: Lat. 34° 31' 26.9" Long. -112° 13' 41.6" 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) NA sq ft | | |
| b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade NA | | |
| c) Total net area of flood openings in A8.b NA sq in | | |
| d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| A9. For a building with an attached garage: | | |
| a) Square footage of attached garage 1145 sq ft | | |
| b) No. 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

| | | | | | |
|--|------------------------|--|--|--------------------------------|--|
| B1. NFIP Community Name & Community Number DEWEY-HUMBOLDT, TOWN OF, 040061 | | B2. County Name YAVAPAI | B3. State AZ | | |
| B4. Map/Panel Number 04025C 2115 | B5. Suffix G | B6. FIRM Index Date 9-3-2010 | B7. FIRM Panel Effective/Revised Date 9-3-2010 | B8. Flood Zone(s) AE | B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 4547.1 |
| 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 Community Determined <input type="checkbox"/> Other (Describe) | | | | | |
| 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 (Describe) | | | | | |
| 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 **PID ET0862 (ELEV = 4585)** Vertical Datum **NAVD88**
Conversion/Comments

| | Check the measurement used. | |
|--|--|--|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor) | 4549.0 <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| b) Top of the next higher floor | n/a <input type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| c) Bottom of the lowest horizontal structural member (V Zones only) | n/a <input type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| d) Attached garage (top of slab) | 4548.6 <input checked="" 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) | 4548.0 <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| f) Lowest adjacent (finished) grade next to building (LAG) | 4547.9 <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| g) Highest adjacent (finished) grade next to building (HAG) | 4548.4 <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 | n/a <input type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |

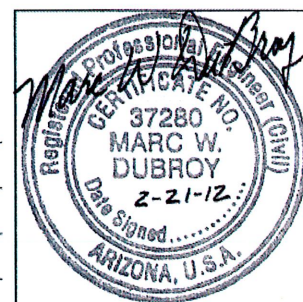
SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

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 MARC W. DUBROY, P.E. | License Number 37280 | | |
| Title CIVIL ENGINEER | Company Name DUBROY ENGINEERING, LLC | | |
| Address 7660 E. GATO DE LUNA | City PRESCOTT VALLEY | State AZ | ZIP Code 86315 |
| Signature <i>Marc W. Dubroy</i> | Date 02-21-2012 | Telephone 928-533-7062 | |

FEMA Form 81-31, Mar 09 See reverse side for continuation. Replaces all previous editions



| | | | | | |
|---|--------------------|--------------------------|---------------------|----------------------------|--|
| 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. 1265 S. RIVER DRIVE | | | | Policy Number | |
| City DEWEY-HUMBOLDT | State AZ | ZIP Code 86327 | 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
1. ATTACHED GARAGE TOP OF SLAB IS ABOVE BFE, SO FLOOD OPENINGS ARE NOT REQUIRED.
2. EQUIPMENT ELEVATION REFERS TO A/C UNIT NEAR SE CORNER.

Signature *Mark W. DeBroy* Date **02-21-2012** ☒ 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. 1265 S. RIVER DRIVE | | | | For Insurance Company Use: Policy Number |
| City DEWEY-HUMBOLDT | State AZ | 86327 | ZIP Code | 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 on the reverse.



FRONT VIEW (from front right corner)



REAR VIEW (from left rear corner)