



909 W. APACHE ▲ FARMINGTON, NM 87401
(505) 327-3303 ▲ FAX (505) 327-1471 ▲ www.c-w-e.com

April 22, 2020

Ahna Marie Clark
20 Road 2843
Aztec, NM 87410

Reference: Elevation Certificate 20 Road 2843, Aztec, NM

Dear Ahna:

We are enclosing the Elevation Certificate for the final construction on your house located at the above referenced address.

Your house has a Finish Floor Elevation of 5,686.50, or approximately 6" above the interpolated 100 Year Flood Plain Limits of 5,686. The house is on a block stem wall foundation and has a crawl space that ranges in elevation from 5,683 to 5,683.5, or anywhere from 3' to 3.5' below Finish Floor Elevation.

We are submitting this information to Michele Truby-Tillen for her review. We trust you will contact our office if additional information is required in this matter.

Very truly yours,

CHENEY ▲ WALTERS ▲ ECHOLS, INC.

Robert A. Echols, Jr., P.E.
President

RAE/ata 17127

enclosures

cc w/enclosures: Michele Truby-Tillen

ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1-9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION A – PROPERTY INFORMATION				FOR INSURANCE COMPANY USE	
A1. Building Owner's Name Ahna Marie Clark				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 20 Road 2843				Company NAIC Number:	
City Aztec		State New Mexico		ZIP Code 87410	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Tract B1 - Boundary Adjustment for James Ivy dated December 5, 2011, recorded in Book 1533, page 565					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)				Residential	
A5. Latitude/Longitude: Lat. 36.869		Long. -107.968		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>9</u>					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s)		<u>1816.00</u> sq ft			
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>8</u>					
c) Total net area of flood openings in A8.b		<u>1024.00</u> sq in			
d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
A9. For a building with an attached garage:					
a) Square footage of attached garage		<u>N/A</u> sq ft			
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>N/A</u>					
c) Total net area of flood openings in A9.b		<u>N/A</u> 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 San Juan County 350064			B2. County Name San Juan		B3. State New Mexico
B4. Map/Panel Number 35045C0730	B5. Suffix F	B6. FIRM Index Date	B7. FIRM Panel Effective/ Revised Date 08-05-2010	B8. Flood Zone(s) A	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) Interpolated at 5686.0
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 checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
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/Source: _____					
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					

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

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.
20 Road 2843
City Aztec State New Mexico ZIP Code 87410
Policy Number:
Company NAIC Number

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: [] Construction Drawings* [] Building Under Construction* [X] 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: NAVD 1988 Vertical Datum: NAVD 1988

Indicate elevation datum used for the elevations in items a) through h) below.

[] NGVD 1929 [X] 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) 5683.0 [X] feet [] meters
b) Top of the next higher floor 5686.5 [X] feet [] meters
c) Bottom of the lowest horizontal structural member (V Zones only) N/A [] feet [] meters
d) Attached garage (top of slab) N/A [] feet [] meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) 5685.4 [X] feet [] meters
f) Lowest adjacent (finished) grade next to building (LAG) 5684.4 [X] feet [] meters
g) Highest adjacent (finished) grade next to building (HAG) 5685.4 [X] feet [] meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support 5685.1 [X] 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.

Were latitude and longitude in Section A provided by a licensed land surveyor? [X] Yes [] No [] Check here if attachments.

Certifier's Name Robert A. Echols, Jr., PE License Number 6580
Title President
Company Name Cheney-Walters-Echols, Inc.
Address 909 W. Apache
City Farmington State New Mexico ZIP Code 87401
Signature [Signature] Date 4/21/20 Telephone (505) 327-3303 Ext.



Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)

C2.e - Air conditioner concrete pad

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

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. 20 Road 2843			Policy Number:
City Aztec	State New Mexico	ZIP Code 87410	Company NAIC Number

**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 1–2 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ 5686.5 feet meters above or below the HAG.
- E3. Attached garage (top of slab) is _____ N/A feet meters above or below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ 5685.4 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 or Owner's Authorized Representative's Name
Robert A. Echols, Jr., PE

Address 909 W. Apache	City Farmington	State New Mexico	ZIP Code 87401
--------------------------	--------------------	---------------------	-------------------

Signature 	Date <u>4/21/20</u>	Telephone (505) 327-3303
--	------------------------	-----------------------------

Comments

Check here if attachments.

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

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. 20 Road 2843	Policy Number:		
City Aztec	State New Mexico	ZIP Code 87410	Company NAIC Number

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
-------------------	------------------------	---

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 (including type of equipment and location, per C2(e), if applicable)

Check here if attachments.

BUILDING PHOTOGRAPHS

ELEVATION CERTIFICATE

See Instructions for Item A6.

OMB No. 1660-0008
Expiration Date: November 30, 2022

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. 20 Road 2843			Policy Number:
City Aztec	State New Mexico	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.

Photo One

Photo One

Photo One Caption

Clear Photo One

Photo Two

Photo Two

Photo Two Caption

Clear Photo Two

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

Continuation Page

OMB No. 1660-0008
Expiration Date: November 30, 2022

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. 20 Road 2843			Policy Number:
City Aztec	State New Mexico	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.

Photo Three

Photo Three

Photo Three Caption

Clear Photo Three

Photo Four

Photo Four

Photo Four Caption

Clear Photo Four

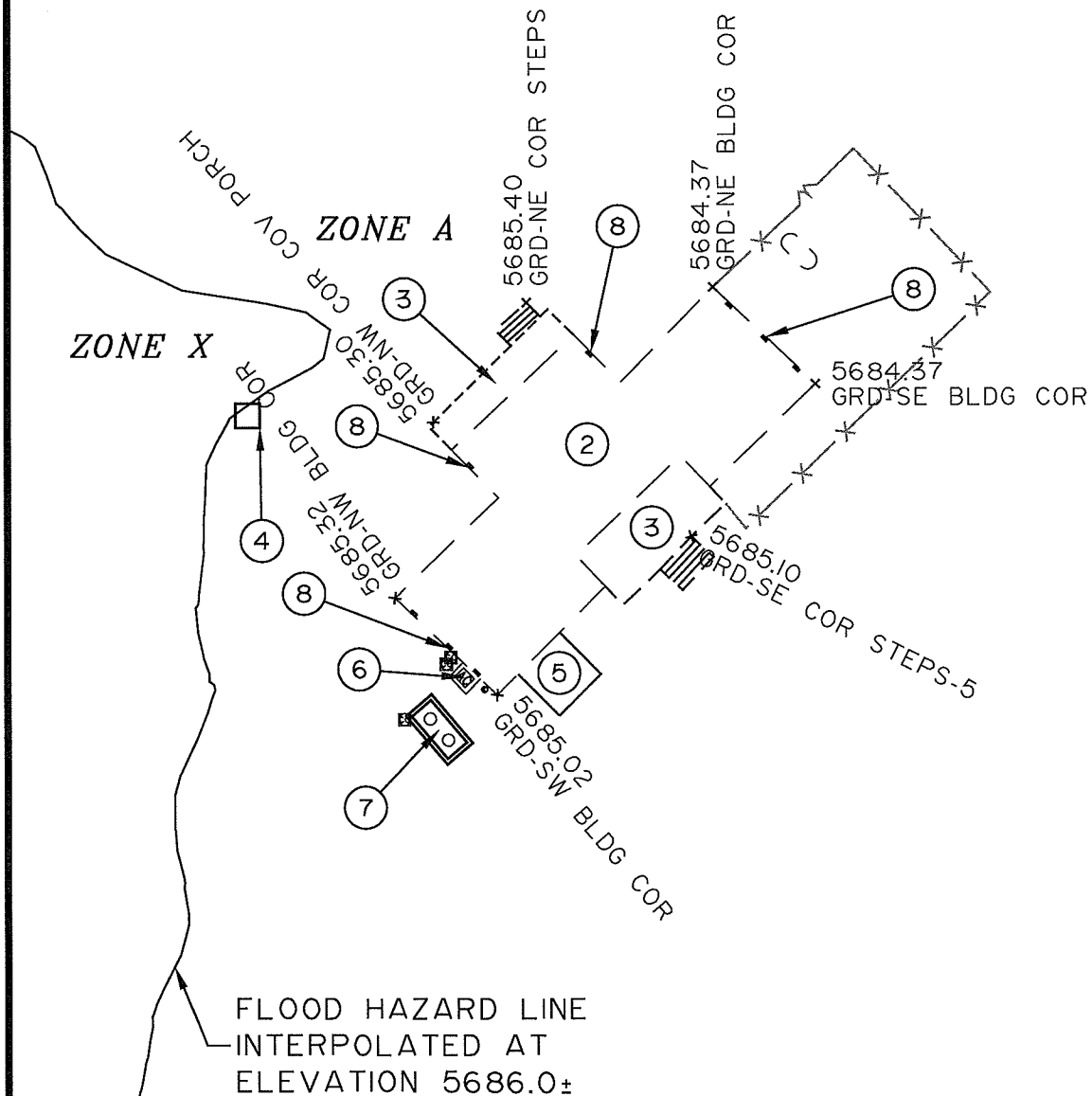
FINAL CONSTRUCTION
 FLOOD ELEVATION CERTIFICATE
 No. 20 ROAD 2843
 AZTEC, NEW MEXICO 87410
 FOR
 AHNA MARIE CLARK

KEYED NOTES:

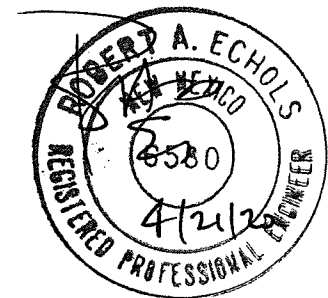
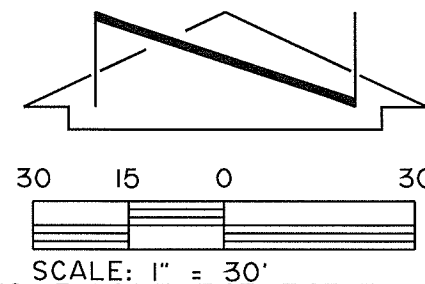
- ① 1523.4 sf EXISTING BARN WITH FINISH FLOOR ELEVATION = 5686.50±
- ② 1816.0 sf RESIDENCE MINIMUM FINISH FLOOR ELEVATION = 5686.50. CRAWL SPACE ACCESS INTERIOR OF HOME, CRAWL SPACE ELEVATION RANGES FROM 5683.00 TO 5683.50.
- ③ RAISED COVERED PORCH.
- ④ BENCHMARK - NE CORNER CONC PAD ELEVATION 5687.00 - 0.5'± ABOVE ADJACENT GRADE = FLOOD ELEVATION 5686.50±
- ⑤ CONCRETE JACUZZI PAD ELEVATION = 5685.56.
- ⑥ AIR CONDITIONER CONCRETE PAD ELEVATION = 5685.36.
- ⑦ SEPTIC TANK ACCESS ELEVATION 5685.46.
- ⑧ 8" x16" FREE AIR VENT FOR CRAWL SPACE, 8 TOTAL WITH INVERT ELEVATION = 5686.00 TYPICAL.

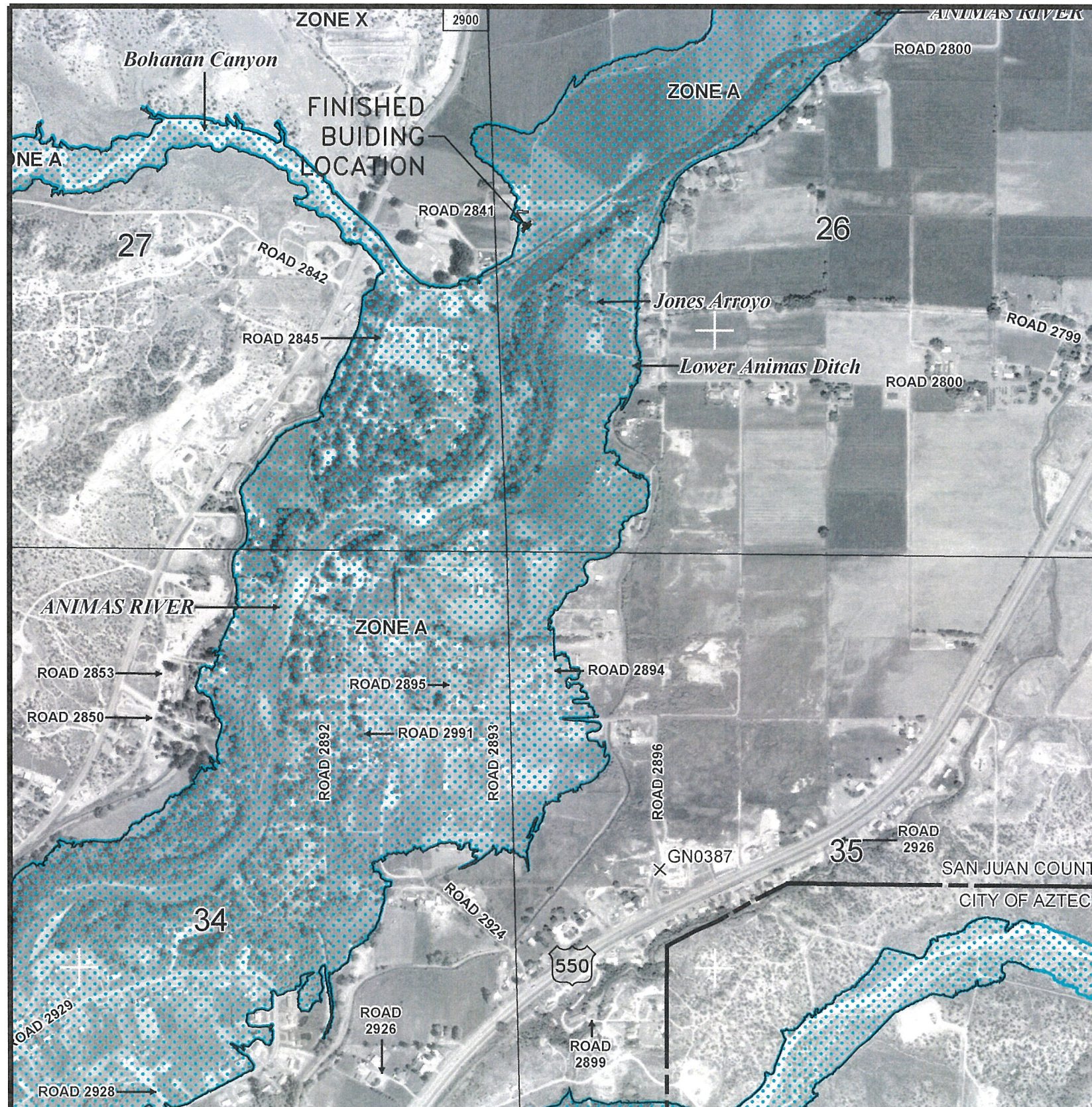
DETERMINED BASE FLOOD ELEVATION

DATA FROM PANEL 35045C0730F REVISED AUGUST 5, 2010 IS ZONE A WITH INTERPOLATED BASE FLOOD ELEVATION = 5686.00. EXISTING BUILDINGS ARE IN ZONE A. SEE SHEET No. 2 OF 2 FOR FIRM MAP INFORMATION.



FLOOD HAZARD LINE
 INTERPOLATED AT
 ELEVATION 5686.0±





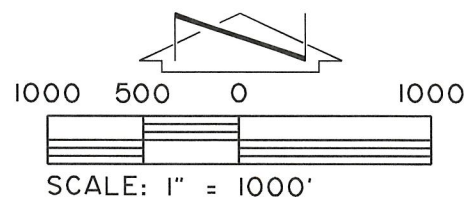
FINAL CONSTRUCTION FLOOD ELEVATION CERTIFICATE

No. 20 ROAD 2843 AZTEC, NEW MEXICO 87410

FOR AHNA MARIE CLARK

LEGEND

- SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD
The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.
- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.
- FLOODWAY AREAS IN ZONE AE
The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.
- OTHER FLOOD AREAS
ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
- OTHER AREAS
ZONE X Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D Areas in which flood hazards are undetermined, but possible.
- COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS
- OTHERWISE PROTECTED AREAS (OPAs)
CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D Boundary
- CBRS and OPA Boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- Base Flood Elevation line and value; elevation in feet*
Base Flood Elevation value where uniform within zone; elevation in feet*
- *Referenced to the North American Vertical Datum of 1988
- Cross section line
- Transect line
- 97° 07' 30", 32° 22' 30" Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 4760000E 1000-meter Universal Transverse Mercator grid values, zones 12 & 13
- 600000 FT 5000-foot grid ticks: New Mexico State Plane coordinate system, West Zone (FIPZONE 3003), Transverse Mercator Projection
- DX5510 X Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 River Mile



PANEL 0730F

FIRM

FLOOD INSURANCE RATE MAP

SAN JUAN COUNTY, NEW MEXICO AND INCORPORATED AREAS

PANEL 730 OF 2750

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
AZTEC, CITY OF	350065	0730	F
SAN JUAN COUNTY	350064	0730	F

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
35045C0730F

EFFECTIVE DATE
AUGUST 5, 2010

Federal Emergency Management Agency

CHENEY WALTERS ECHOLS
ENGINEERS & SURVEYORS
909 W. APACHE • FARMINGTON, NEW MEXICO 87401 • (505)327-3303

ISSUE DATE: 04/20/2020
PRINTED: April 22, 2020
FILE: \\Wdmycloudex4\public\TeraStation4\ARCHIVE DWGS\DRAWINGS\DWG-LEH\2017\17127\17127 FINAL FLDCERT.dwg



↖ N



1
2



N →



✓ N

