



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

August 21, 2019

Mike Atwood
#40 Road 3114
Aztec, NM 87410

Reference: #8 Road 3007, Aztec, NM

Dear Mike:

We are enclosing herewith the Elevation Certificate, Site Plan, and FEMA Map for the above referenced address. The subject property is in Zone X, or outside of any established 100 year flood plain limits. We have shown the respective finish floor elevation and crawl space elevation. We have also shown corresponding high and low elevations around the perimeter of your house and an elevation for the air conditioning unit which services the house. We will take the liberty of submitting this information to Michele Truby with San Juan County.

Very truly yours,

CHENEY ▲ WALTERS ▲ ECHOLS, INC.

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

RAE/ata 19223

enclosures

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 Mike Atwood				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. #8 Road 3007				Company NAIC Number:	
City Aztec	State New Mexico	ZIP Code 87410			
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) R0012295					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>					
A5. Latitude/Longitude: Lat. <u>36.81496000</u> Long. <u>-108.00691</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>9</u>					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) <u>2648.00</u> sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>10</u>					
c) Total net area of flood openings in A8.b <u>1280.00</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 _____ 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? <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			B2. County Name San Juan		B3. State New Mexico
B4. Map/Panel Number 35045C0710F	B5. Suffix F	B6. FIRM Index Date	B7. FIRM Panel Effective/ Revised Date 08-05-2010	B8. Flood Zone(s) X	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 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, 2018

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. #8 Road 3007			Policy Number:
City Aztec	State New Mexico	ZIP Code 87410	Company NAIC Number

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: WGS 1984 Vertical Datum: WGS 1984

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) | <u>5615.25</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| b) Top of the next higher floor | <u>5618.50</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | <u>N/A</u> | <input type="checkbox"/> feet | <input type="checkbox"/> meters |
| d) Attached garage (top of slab) | <u>N/A</u> | <input type="checkbox"/> feet | <input type="checkbox"/> meters |
| e) Lowest elevation of machinery or equipment servicing the building
(Describe type of equipment and location in Comments) | <u>5617.35</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | <u>5605.74</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG) | <u>5616.29</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | <u>5616.29</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> 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? 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 	Date 8/21/19	Telephone	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)

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2018

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Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. #8 Road 3007			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 _____ 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 or Owner's Authorized Representative's Name
Robert A. Echols, Jr. PE

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

Signature	Date	Telephone
	8/21/19	(505) 327-3303

Comments

Check here if attachments.

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2018

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. #8 Road 3007		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.			
<p>G1. <input type="checkbox"/> 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.)</p> <p>G2. <input type="checkbox"/> A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.</p> <p>G3. <input type="checkbox"/> The following information (Items G4–G10) is provided for community floodplain management purposes.</p>			
G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate of Compliance/Occupancy Issued	
<p>G7. This permit has been issued for: <input type="checkbox"/> New Construction <input type="checkbox"/> Substantial Improvement</p> <p>G8. Elevation of as-built lowest floor (including basement) of the building: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____</p> <p>G9. BFE or (in Zone AO) depth of flooding at the building site: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____</p> <p>G10. Community's design flood elevation: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____</p>			
Local Official's Name		Title	
Community Name		Telephone	
Signature		Date	
Comments (including type of equipment and location, per C2(e), if applicable)			
<input type="checkbox"/> Check here if attachments.			

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008

Expiration Date: November 30, 2018

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Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. #8 Road 3007			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, 2018

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. #8 Road 3007			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

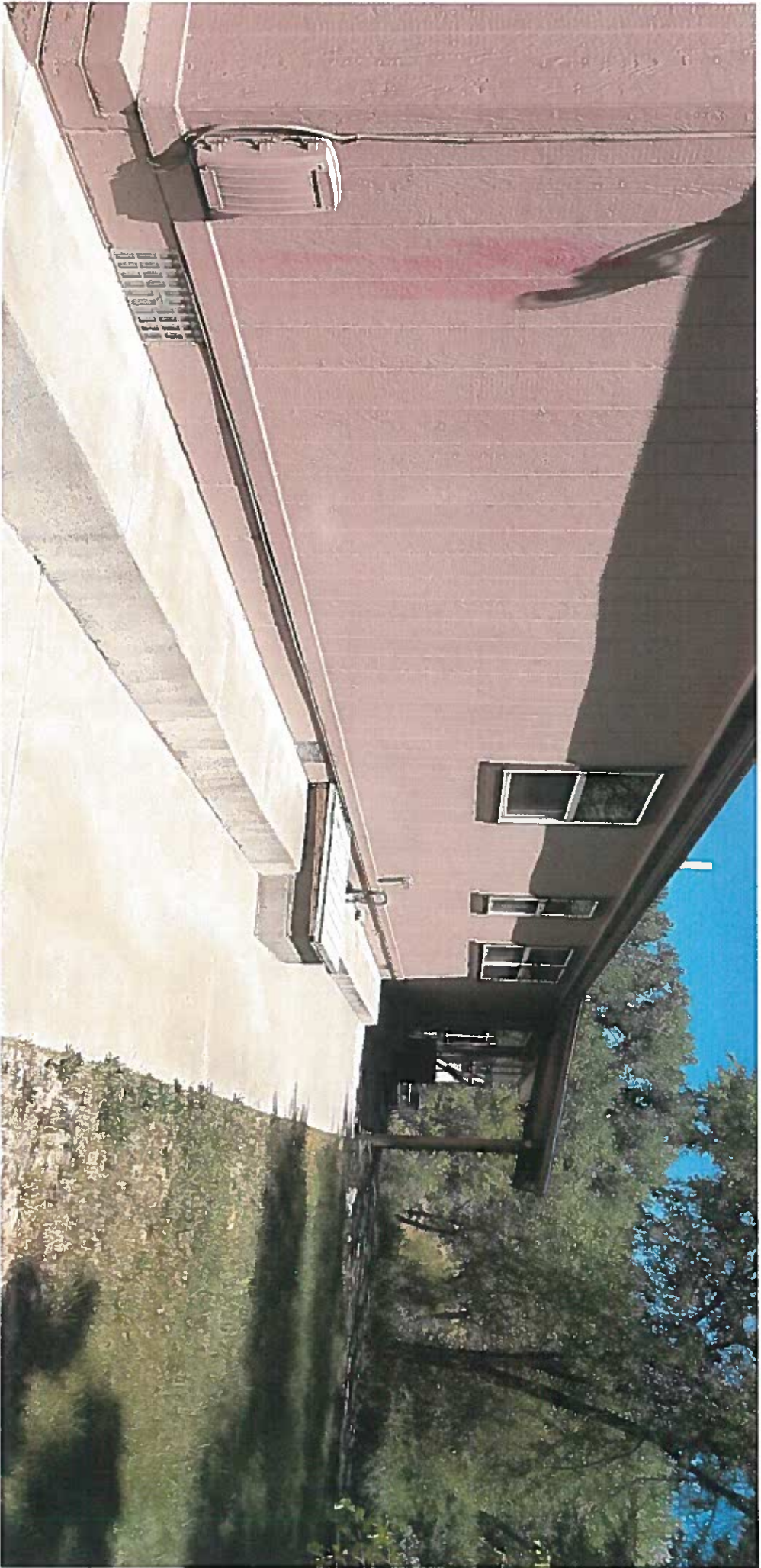
Photo Four

Photo Four Caption

Clear Photo Four



N →



N V



1
N

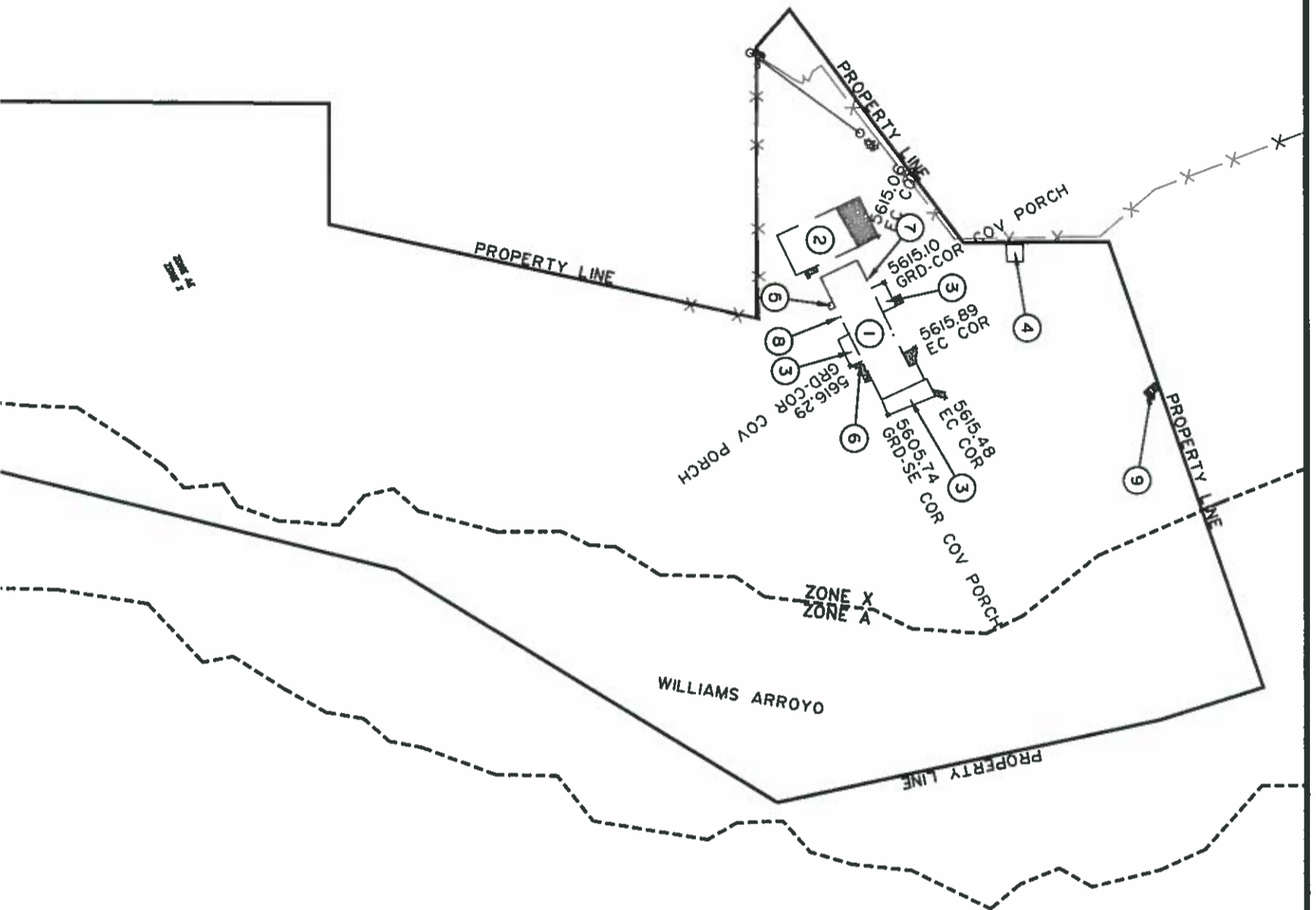


N



N

FLOOD ELEVATION CERTIFICATE
 FOR MIKE ATWOOD
 No. 8 ROAD 3007
 AZTEC, NEW MEXICO

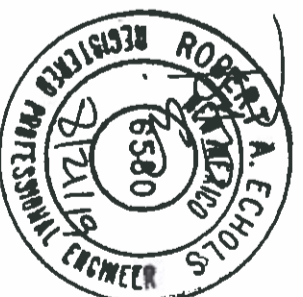
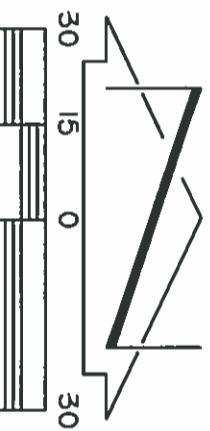


KEYED NOTES:

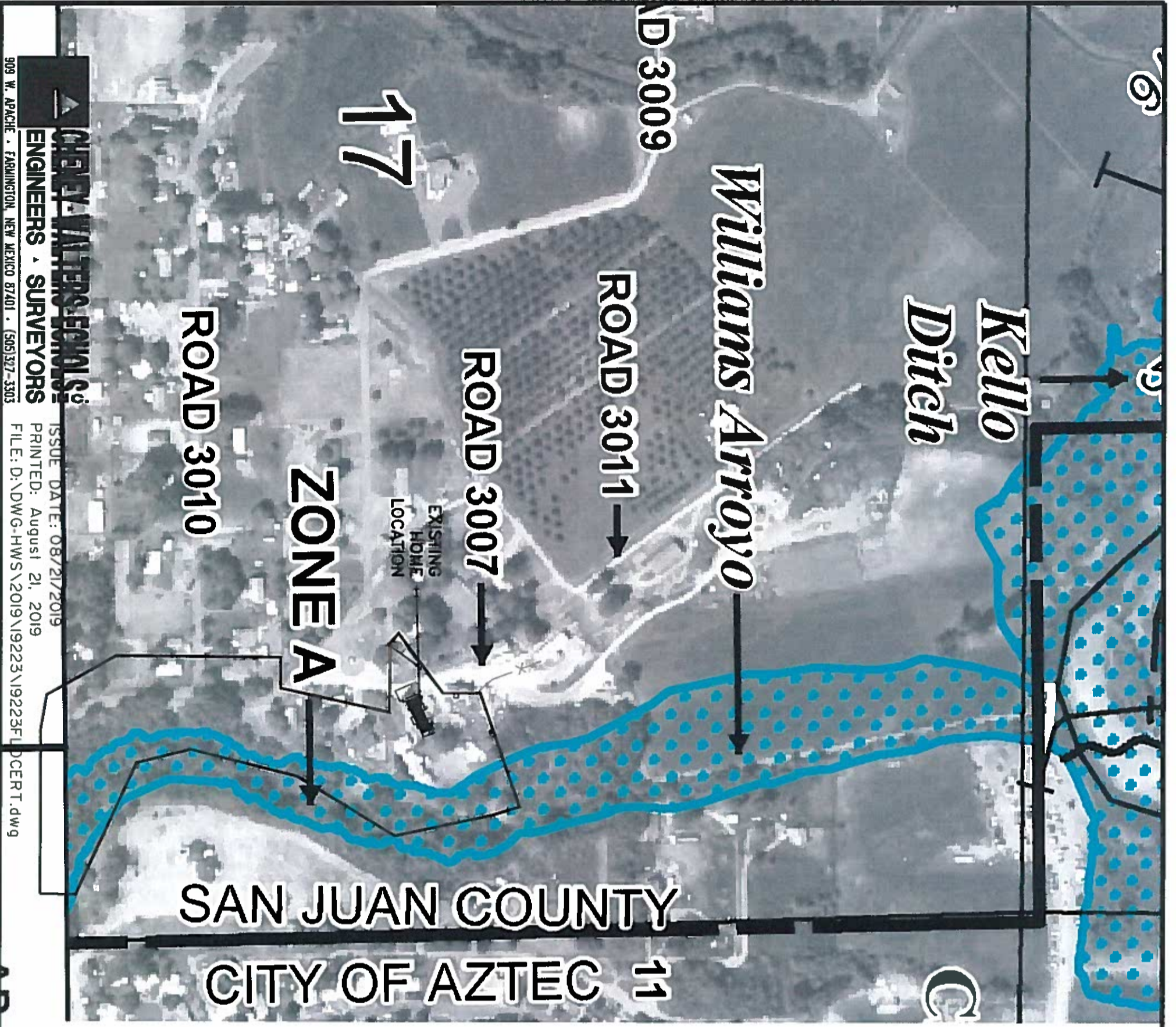
- ① 2648.0 ft DOUBLE WIDE MOBILE HOME WITH A CRAWL SPACE. FINISH FLOOR ELEVATION = 5618.50, CRAWL SPACE ELEVATION = 5615.25.
- ② 1406.0 ft GARAGE FINISH FLOOR ELEVATION = 5616.00.
- ③ COVERED PORCH.
- ④ SHED.
- ⑤ 4.0' SQ. CRAWL SPACE ACCESS LID ELEVATION 5617.75.
- ⑥ HVAC UNIT ON CONCRETE SLAB ELEVATION = 5617.35.
- ⑦ 5 EACH ON NORTH SIDE OF HOME 8"x16" FREE AIR VENTS WITH INVERT ELEVATION = 5617.75.
- ⑧ 5 EACH ON SOUTH SIDE OF HOME 8"x16" FREE AIR VENTS WITH INVERT ELEVATION = 5617.75.
- ⑨ SEPTIC TANK ACCESS ELEVATION = 5600.52.

DETERMINED BASE FLOOD ELEVATION

THERE IS NO DETERMINED FLOOD BASE ELEVATION.
 SEE SHEET No. 2 OF 2 FOR FEMA MAP 35045C0710F PANEL
 710 OF 2750 DATED AUGUST 10, 2010. THIS HOME IS IN ZONE X.



FLOOD ELEVATION CERTIFICATE
FOR MIKE ATWOOD
No. 8 ROAD 3007
AZTEC, NEW MEXICO



CHEVY-WALTERS ENGINEERS & SURVEYORS
 ENGINEERS & SURVEYORS
 909 W. APACHE • FARMINGTON, NEW MEXICO 87401 • (505) 327-3303
 ISSUE DATE: 08/21/2019
 PRINTED: August 21, 2019
 FILE: D:\DWG-HWS\2019\192223\192223FLDCERT.dwg

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO FLOODING BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood) shown on this map is the base flood for the Flood Insurance Rate Map (FIRM). The base flood is the flood having a 1% chance of being equaled or exceeded in any given year. The base flood is the flood having a 1% chance of being equaled or exceeded in any given year. The base flood is the flood having a 1% chance of being equaled or exceeded in any given year.

ZONE A
 Special Flood Hazard Area (SFHA) subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AV, AX, V, and VE. The base flood elevation is the water surface elevation of the 1% annual chance flood.

ZONE AE
 Areas of shallow water flood (usually areas of ponds); base flood flood depths of 1 to 3 feet (usually pond flow on steep slopes); average depths determined. For areas of shallow low flooding, depths are determined.

ZONE AH
 Areas of high water flood (usually areas of ponds); base flood flood depths of 3 to 6 feet (usually pond flow on steep slopes); average depths determined. For areas of shallow low flooding, depths are determined.

ZONE AO
 Areas of ocean surge flood (usually areas of ponds); base flood flood depths of 1 to 3 feet (usually pond flow on steep slopes); average depths determined. For areas of shallow low flooding, depths are determined.

ZONE AV
 Areas of very high water flood (usually areas of ponds); base flood flood depths of 6 to 12 feet (usually pond flow on steep slopes); average depths determined. For areas of shallow low flooding, depths are determined.

ZONE AX
 Areas of extremely high water flood (usually areas of ponds); base flood flood depths of 12 to 20 feet (usually pond flow on steep slopes); average depths determined. For areas of shallow low flooding, depths are determined.

VE
 Coastal flood zone with velocity hazard (wave action); no base flood elevations determined.

VE
 Coastal flood zone with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE
 The boundary of a system that any adjacent floodplain areas that must be maintained to prevent the 1% annual chance flood can be carried without structural increases in flood heights.

OTHER FLOOD AREAS
 Areas of 0.2% annual chance flood, zone of 1% annual chance flood with average depths of one foot or less and average areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS
 Areas determined to be outside the 0.2% annual chance floodplain. Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHER PROTECTED AREAS (OPA)
 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 and water depths or flood velocities.
 Base Flood Elevation line and value; elevation in feet.
 Water level elevation where uniform when zone.
 Cross section line.
 Thruway line.

Map Notes:
 Geographic Coordinates: 106° 07' 30" W, 32° 22' 30" N
 Datum: NAD 83 (North American Datum of 1983)
 1000-meter Universal Transverse Mercator and UTM, zones 12 S and 13 S
 5000-foot grid and UTM: Zone 12 S (North American Datum of 1983)
 Water Zone (FLOODING 2003), Transverse Mercator Projection, North datum, (see explanation in sheet to learn section of the FIRM panel)
 941.5
 River 1984

MAP NOTATIONS
 Note to Map Recipients: See map book.
 EFFECTIVE DATE OF COASTWIDE FLOOD

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP
SAN JUAN COUNTY,
NEW MEXICO
AND INCORPORATED AREAS
PANEL 710 OF 2750

SEE MAP INDEX FOR FIRM PANEL LAYOUT

CONTAINS	BARBERS	PANELS	SIZES
COMBINED	30000	0710	1
ATZEC CITY OF	30000	0710	1
SAN JUAN COUNTY	30000	0710	1

Refer to User's Manual for more information on how to use the FIRM. The map shows the system shown on the map. The map shows the system shown on the map. The map shows the system shown on the map.

MAP NUMBER
 35MASC0710F

EFFECTIVE DATE
 AUGUST 5, 2010

Federal Emergency Management Agency

