



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

July 23, 2015

Mr. Brent Fowler
P.O. Box 405
La Plata, NM 87418

Re: Flood Elevation Certificates

Dear Brent:

Attached are the Flood Elevation Certificates we have prepared for your residence and your shop. Also enclosed is a drawing showing the location of both your house and shop complete with elevations and the FEMA map showing the flood plain limits and the location of your structures.

The structures are located in Zone A which means that no base flood elevations have been determined. We also have taken an elevation on the edge of your pond located east and downhill from your property. The elevation at the edge of the pond is approximately 16' lower than your property. Please review this information. We can forward this on to Michelle with San Juan County for her review and comments.

Very truly yours,

CHENEY ▲ WALTERS ▲ ECHOLS, INC.

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

RAE:ls 15122

Enclosures

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

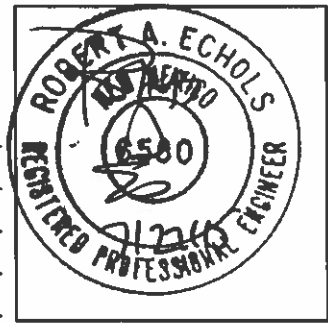
OMB No. 1660-0008
 Expiration Date: July 31, 2015

SECTION A - PROPERTY INFORMATION		FOR INSURANCE COMPANY USE
A1. Building Owner's Name Brent Fowler		Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. #12A Road 1636 City La Plata State NM ZIP Code 87418		Company NAIC Number:
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) R0054704		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Shop</u>		
A5. Latitude/Longitude: Lat. <u>36.877798</u> Long. <u>-108.190643</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>1a</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>3200</u> sq ft		a) Square footage of attached garage <u>-0-</u> sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>-0-</u>		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 A8.b <u>-0-</u> 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 350064		B2. County Name San Juan		B3. State NM	
B4. Map/Panel Number 0700	B5. Suffix F	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date August 5, 2010	B8. Flood Zone(s) A	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
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					

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)	
C1. Building elevations are based on: <input type="checkbox"/> Construction Drawings* <input type="checkbox"/> Building Under Construction* <input checked="" type="checkbox"/> 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: <u>WGS 1984</u> Vertical Datum: <u>WGS 1984</u> Indicate elevation datum used for the elevations in items a) through h) below. <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> 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>5541.82</u> <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	<u>N/A.</u> <input 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>5542.03</u> <input checked="" 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>N/A.</u> <input type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>5541.30</u> <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>5541.70</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>N/A.</u> <input 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.	
<input checked="" type="checkbox"/> Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Check here if attachments.	
Certifier's Name Robert A. Echols, Jr.	License Number 6580
Title Project Engineer	Company Name Cheney-Walters-Echols, Inc.
Address <u>909 W. Apache</u>	City Farmington State NM ZIP Code 87401
Signature <u>[Signature]</u>	Date <u>07/22/2015</u> Telephone <u>505-327-3303</u>

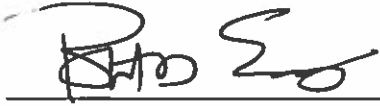


IMPORTANT: In these spaces, copy the corresponding information from Section A.	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. #12A Road 1636	Policy Number:
City La Plata State NM ZIP Code 87418	Company NAIC Number:

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 Existing shop building. Property is located at least 16' above La Plata River at existing pond.



7/22/15
Date

Signature

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 Robert A. Echols, Jr.

Address 909 W. Apache City Farmington State NM ZIP Code 87401

Signature  Date 07/22/2015 Telephone 505-327-3303

Comments Existing shop building. Property is located at least 16' above La Plata River at existing pond.

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–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
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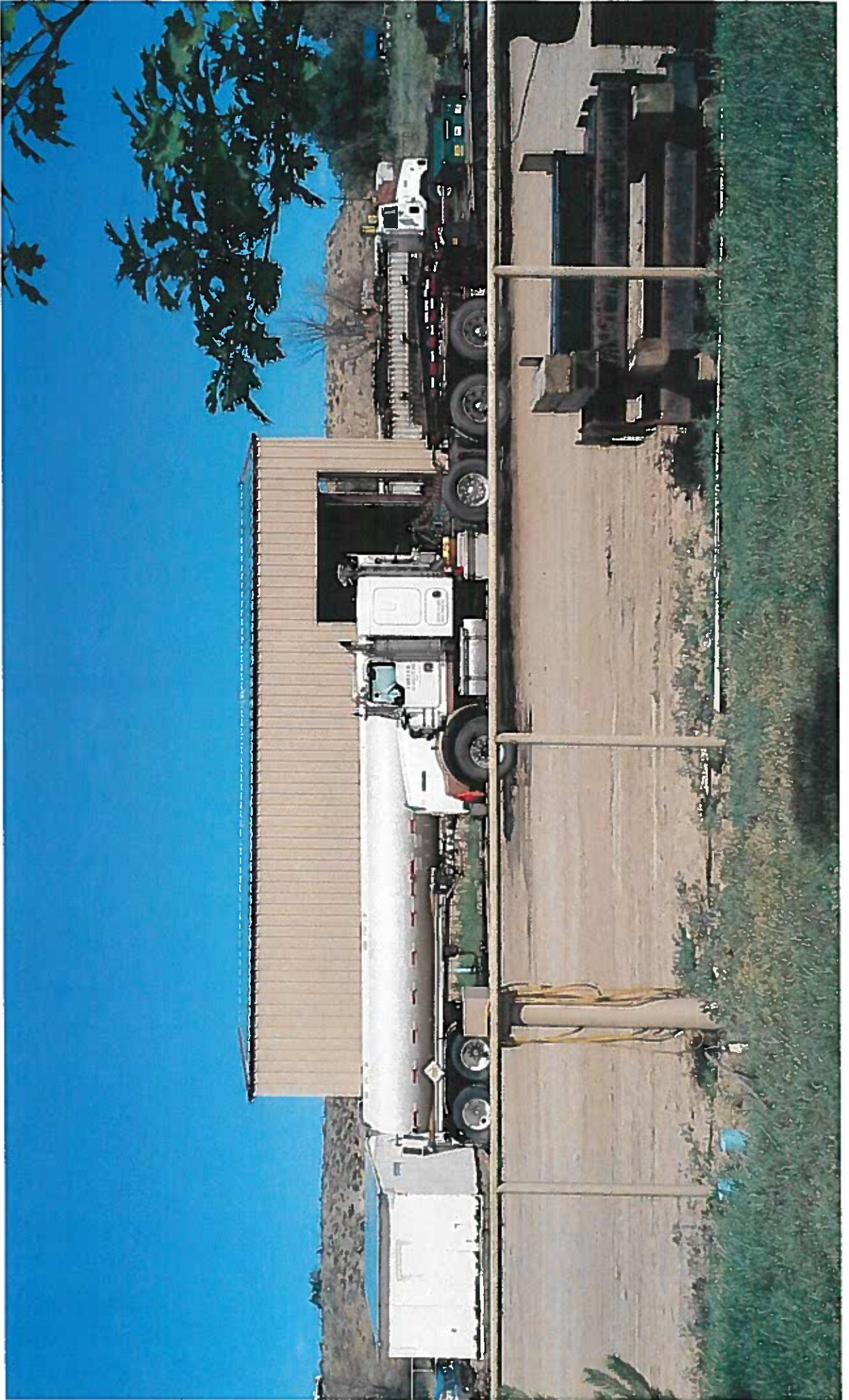
- G7. This permit has been issued for: New Construction Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: _____ feet meters Datum _____
- G9. BFE or (in Zone AO) depth of flooding at the building site: _____ feet meters Datum _____
- G10. Community's design flood elevation: _____ feet meters Datum _____

Local Official's Name	Title
Community Name	Telephone
Signature	Date

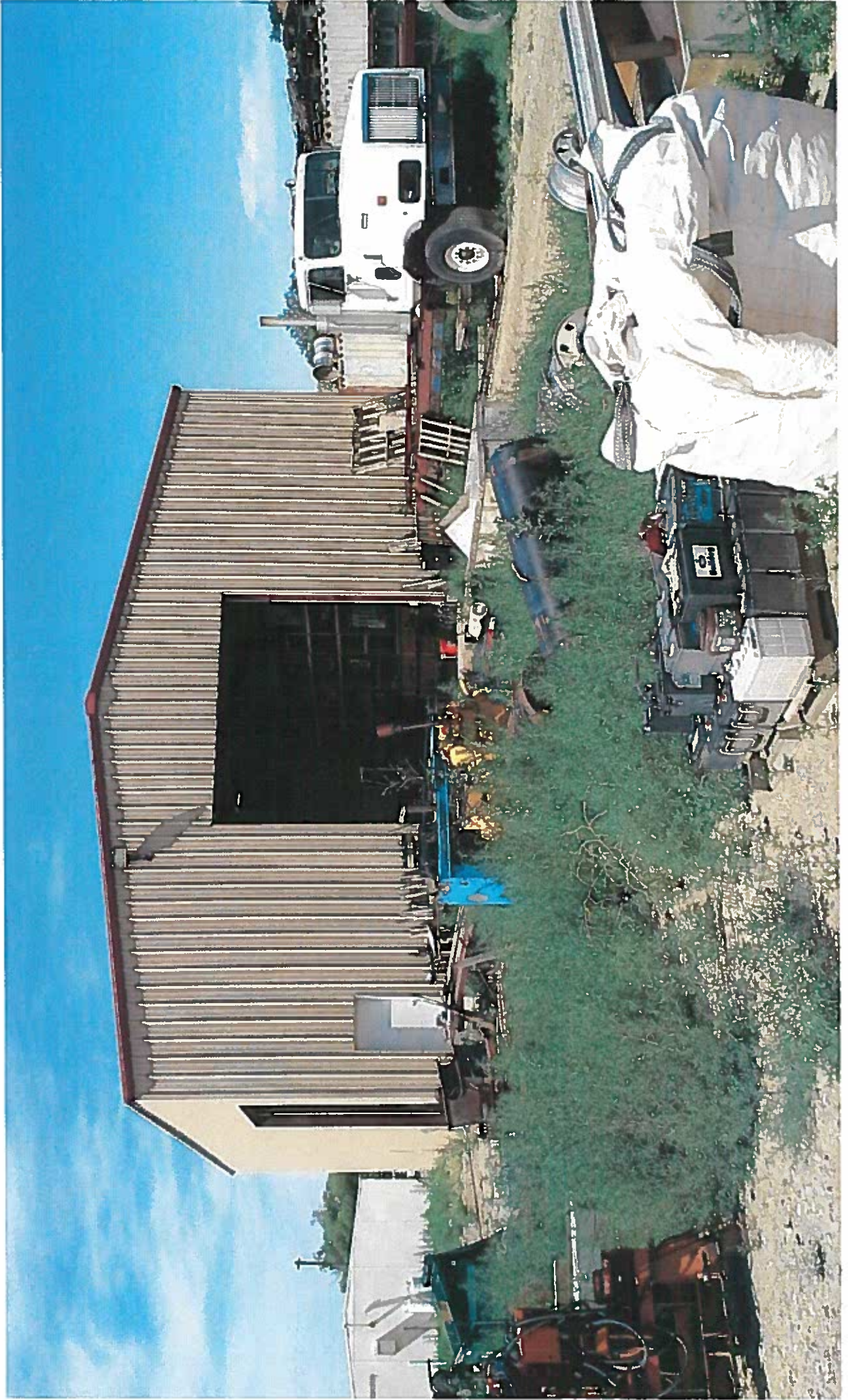
Comments

Check here if attachments.

E. SIDE SHOP



N. SIDE SHOP



W. SIDE SHOP



S. SIDE SHOP



FLOOD ELEVATION CERTIFICATE
BRENT FOWLER
 No. 12 ROAD 1636
 LAPLATA, NEW MEXICO 87418

DETERMINED BASE FLOOD ELEVATION

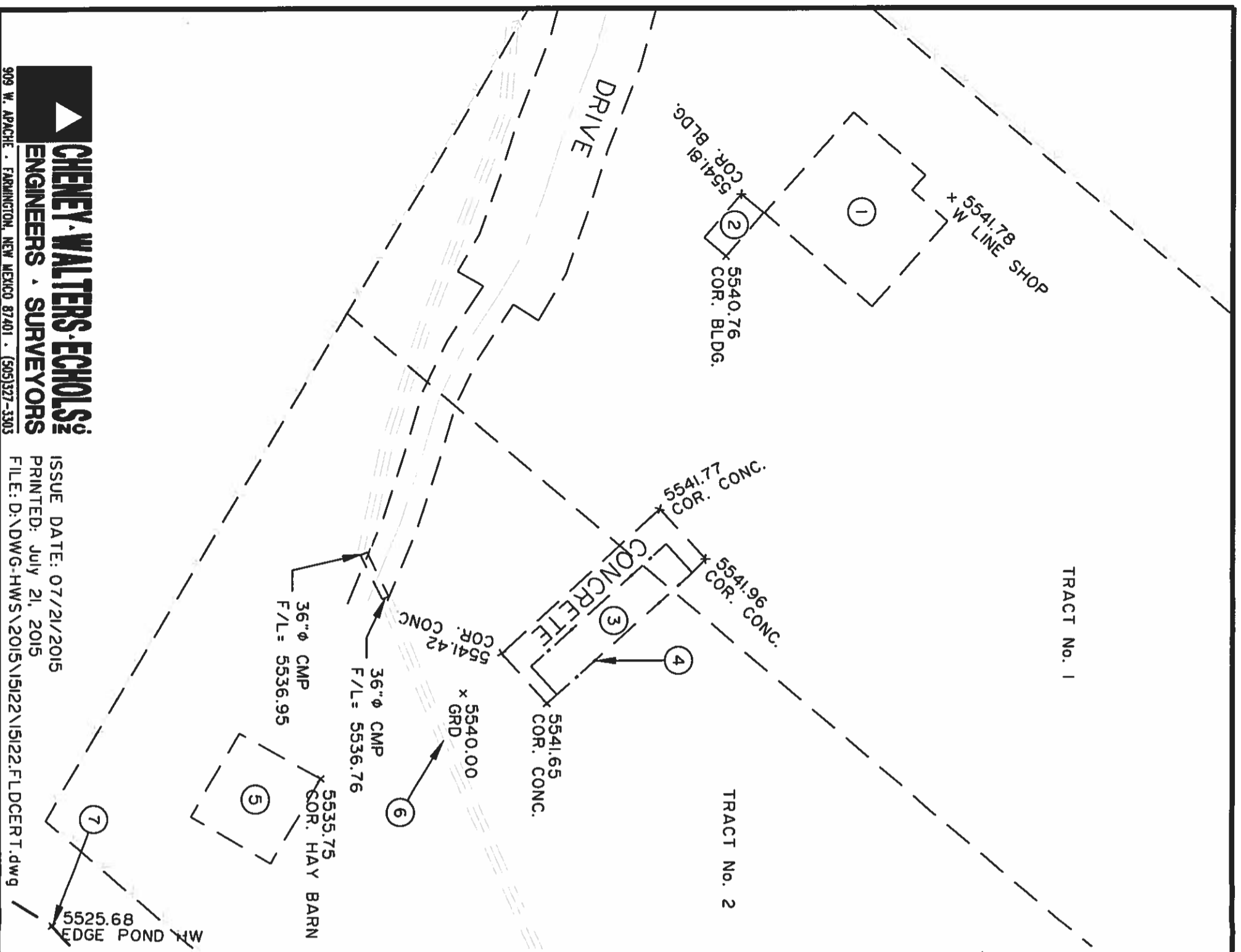
NO DETERMINED BASE FLOOD ELEVATION AT THIS ADDRESS.
 DATA FROM PANEL 700/2750 REVISED JUNE 10, 2013.
 SEE SHEET No. 2 OF 2 FOR FIRM MAP INFORMATION.

KEYED NOTE:

- ① SHOP BUILDING FINISH FLOOR = 5541.82
- ② BUILDING FINISH FLOOR = 5542.03
- ③ TRAILER FINISH FLOOR = 5543.35
- ④ TYPICAL CRAWL SPACE VENT (8 EACH).
- ⑤ HAY BARN
- ⑥ 5.0' WIDE DITCH.
- ⑦ HIGH WATER MARK FOR POND = 5525.68.

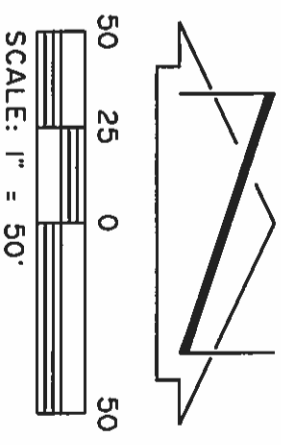
BUILDING NOTE:

1.) CRAWL SPACE VENTS (8 EACH) VARY IN FLOW LINE ELEVATION FROM ELEVATION 5541.02 TO 5541.22.



TRACT No. 1

TRACT No. 2



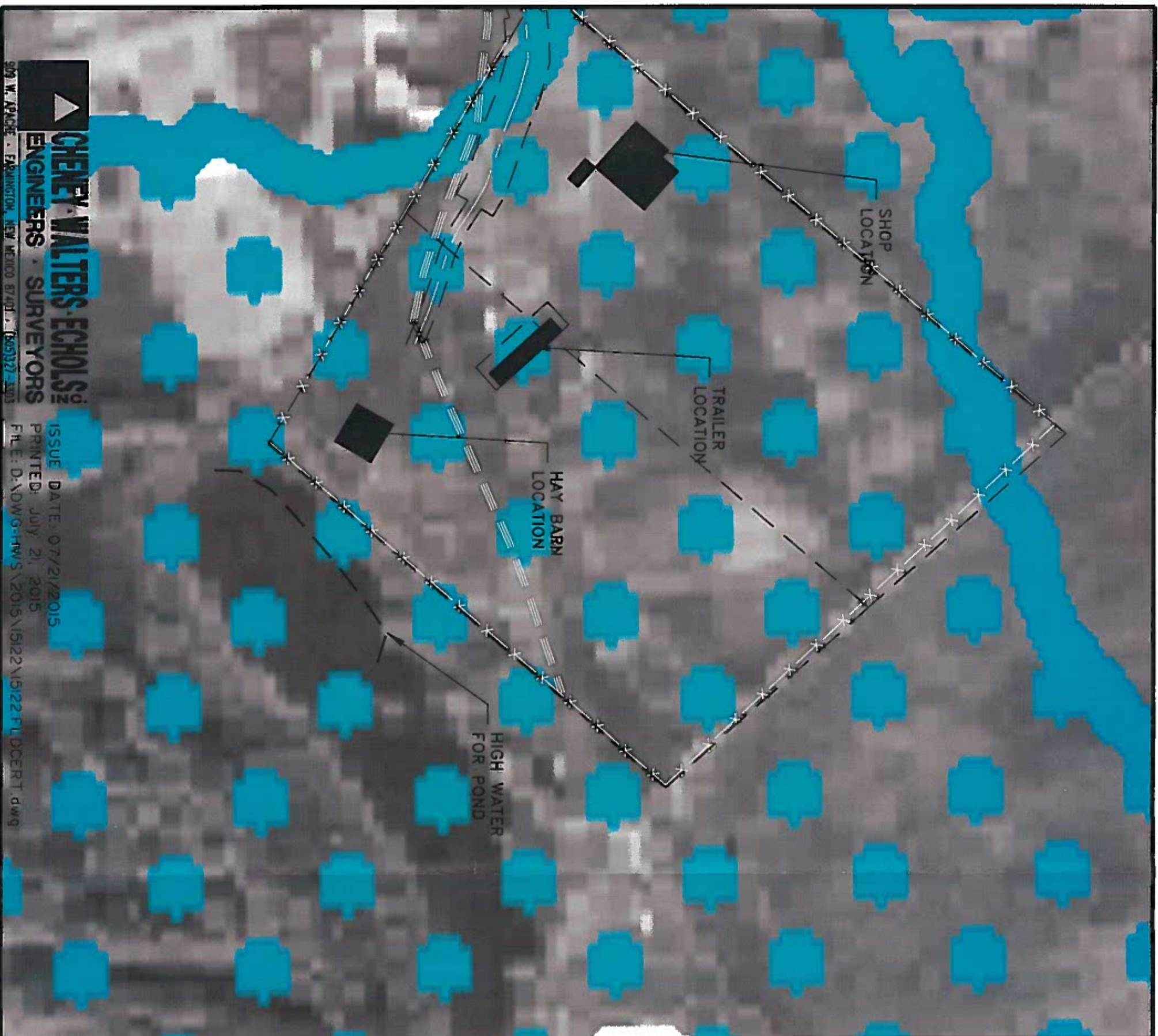
FLOOD ELEVATION CERTIFICATE

BRENT FOWLER

No. 12 ROAD 1636
LAPLATA, NEW MEXICO 87418

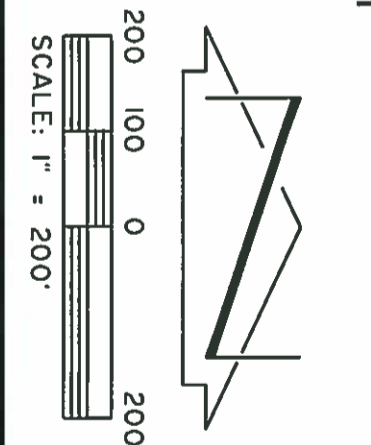
LEGEND

- SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**
- This 1% annual chance flood (100-year flood) area shown on this map is the Special Flood Hazard Area (SFHA) for the 1% annual chance flood. The SFHA is the area subject to flooding by the 1% annual chance flood. The SFHA is shown on this map as a blue shaded area. The SFHA is defined as the area that would be inundated by the 1% annual chance flood. The SFHA is shown on this map as a blue shaded area. The SFHA is defined as the area that would be inundated by the 1% annual chance flood.
- ZONE A** No base Flood Elevations determined.
 - ZONE AE** Base Flood Elevations determined. Base Flood Elevations of 1 to 3 feet (usually sheet flow on sloping terrain); Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depth determined. For areas of shallow fan flooding, velocities are not determined.
 - ZONE AH** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was substantially destroyed. Zone AE indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
 - ZONE AV** Areas to be protected from 1% annual chance flood by a Federal flood protection system under construction; 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** 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 of 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** CBRS areas and OFAs 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 OFA boundary**
 - Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.**
 - Base Flood Elevation line and water elevation in feet* (all units)**
 - Base Flood Elevation value which uniform within zone; referenced to the North American Vertical Datum of 1989**
 - Coast section line**
 - Transect line**
 - Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere**
 - 1000-foot grid units: New Mexico State Plane coordinate system, West Zone (FIPSZONE 3003), Transverse Mercator Projection**
 - North units (see calculation in Notes to Users section of the FIRM panel)**
 - 4 M1.5**
 - River Mile**



CHENEY WALTERS ECHOLS & ASSOCIATES
ENGINEERS • SURVEYORS

ISSUE DATE: 07/21/2015
PRINTED: July 21, 2015
FILE: D:\DWG-FHWS\2015\5122\5122-FLDCERT.dwg



PANEL 0700F

FIRM
FLOOD INSURANCE RATE MAP
SAN JUAN COUNTY,
NEW MEXICO
AND INCORPORATED AREAS
PANEL 700 OF 2750

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:	NUMBER	PANEL	SHEET
COMMUNITY	350087	0700	F
FARMINGTON, CITY OF	350084	0700	F
SAN JUAN COUNTY			

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
35045C0700F

EFFECTIVE DATE
AUGUST 5, 2010

Federal Emergency Management Agency

