

# ELEVATION CERTIFICATE

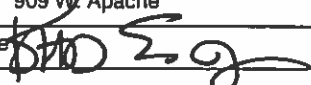
Important: Read the instructions on pages 1-9.

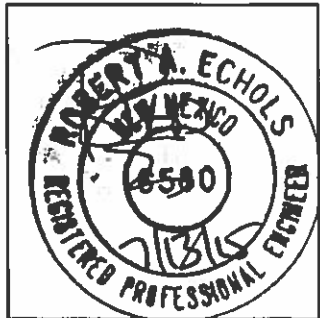
OMB No. 1660-0008  
 Expiration Date: July 31, 2015

SECTION A - PROPERTY INFORMATION		FOR INSURANCE COMPANY USE
A1. Building Owner's Name Northstar Water Users Association	Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 16681 Highway 550	Company NAIC Number:	
City Aztec	State NM	ZIP Code 87410
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) R0014562 - 4.38 acres		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Storage building at plant site</u>		
A5. Latitude/Longitude: Lat. <u>36.9006</u> Long. <u>-107.9185</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>1200</u> sq ft	a) Square footage of attached garage <u>N/A</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 <u>N/A</u>	
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 <u>N/A</u> sq in	
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	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 350064		B2. County Name San Juan		B3. State NM	
B4. Map/Panel Number 0395	B5. Suffix F	B6. FIRM Index Date August 5, 2010	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s) A	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) Not Established
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>5769.84</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>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>None</u> <input type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>5769.13</u> <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>5770.00</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 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 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 909 W Apache	City Farmington State NM ZIP Code 87401
Signature 	Date 07/13/2015 Telephone 505-327-3303



<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>	<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 16681 Highway 550	Policy Number:
City Aztec State 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 Pre-Manufactured building on concrete slab used for waterline pipe and fittings

Signature  Date 7/13/15

**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 07/13/2015 Telephone 505-327-3303

Comments Pre-Manufactured building on concrete slab used for waterline pipe and fitting

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.

# Building Photographs

See Instructions for Item A6.

**IMPORTANT: In these spaces, copy the corresponding information from Section A.**

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 16681 Highway 550		FOR INSURANCE COMPANY USE
City Aztec State NM ZIP Code 87410		Policy Number:
		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.

4 photographs



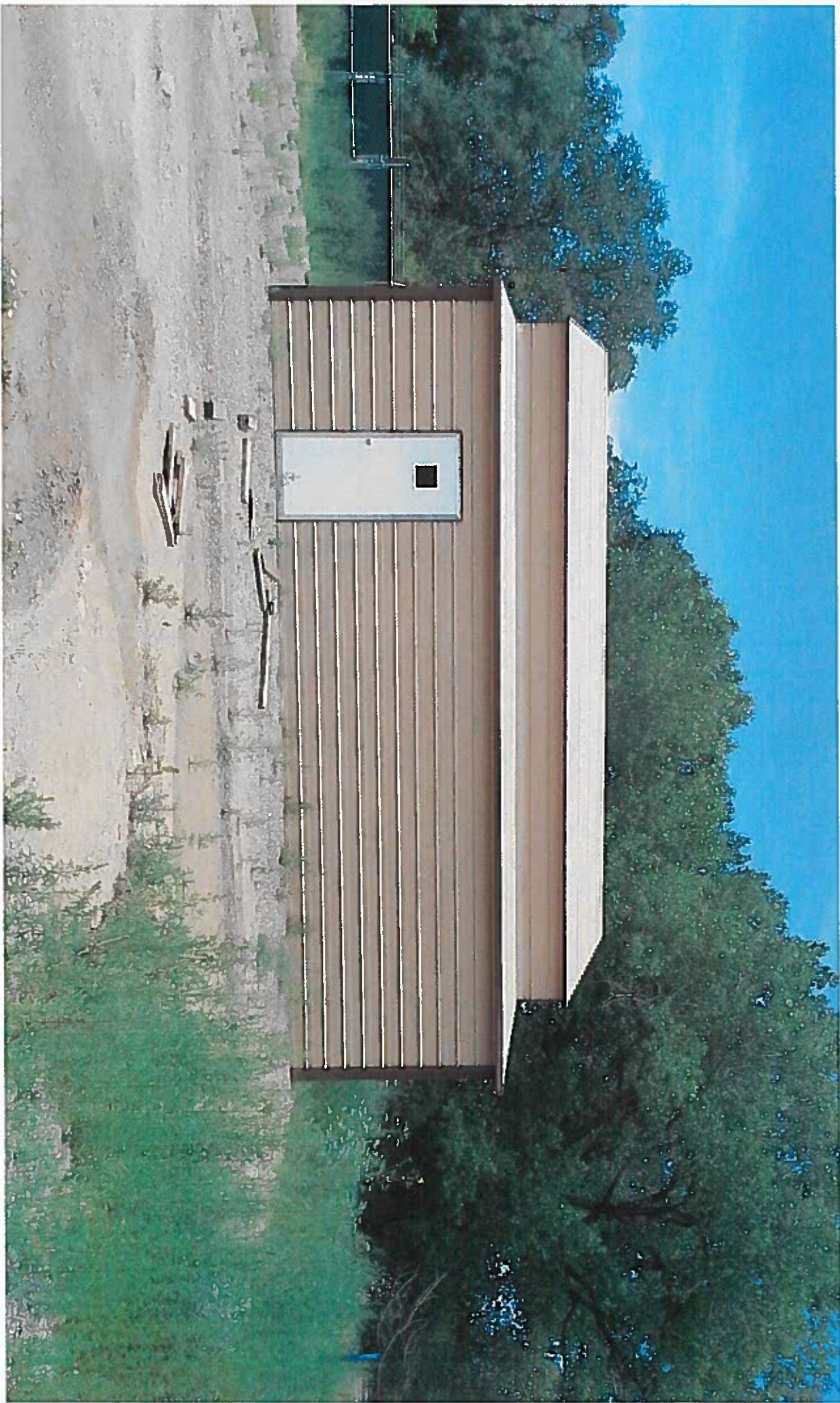


W. S. FAE

12126

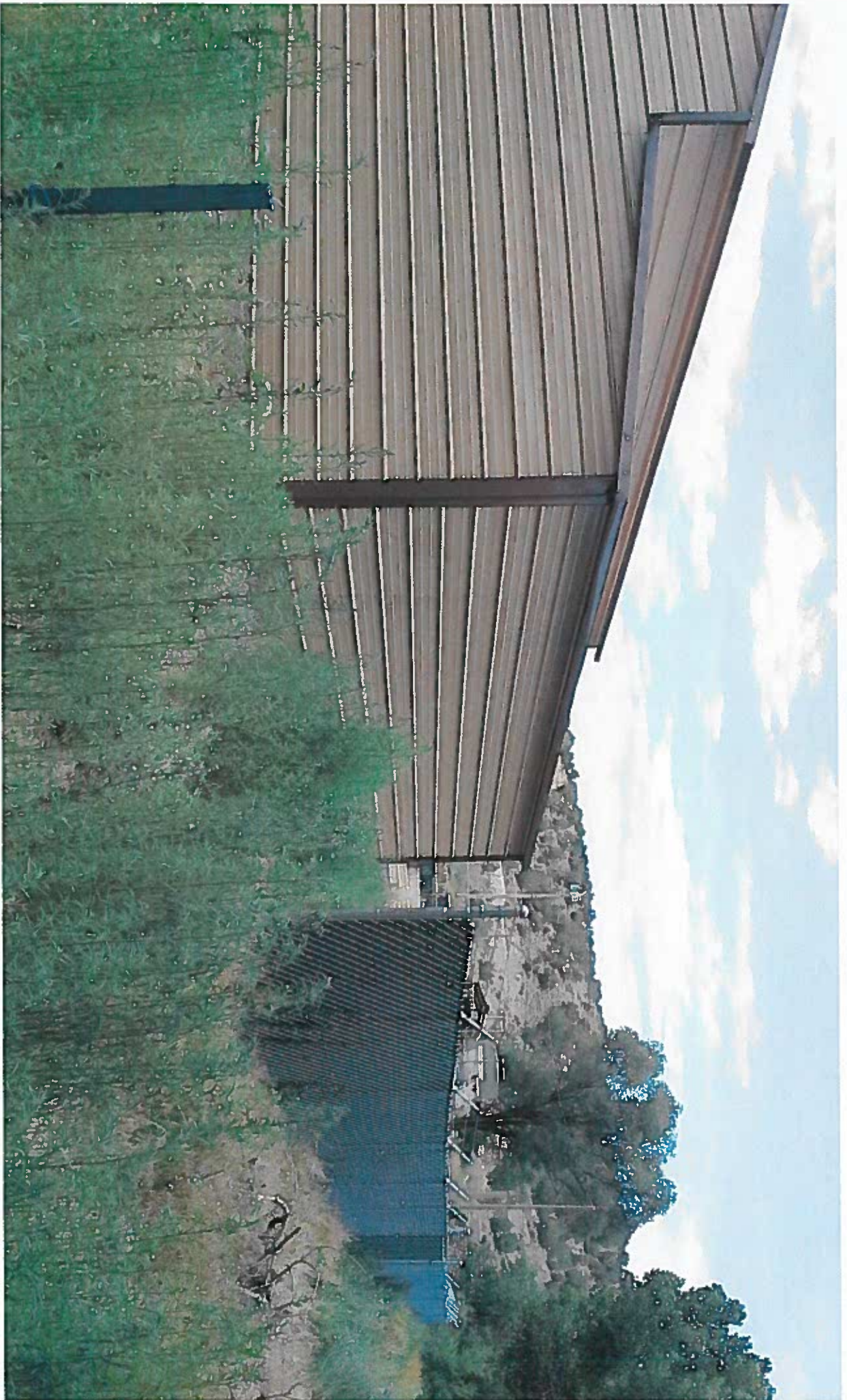
E. Side

12126



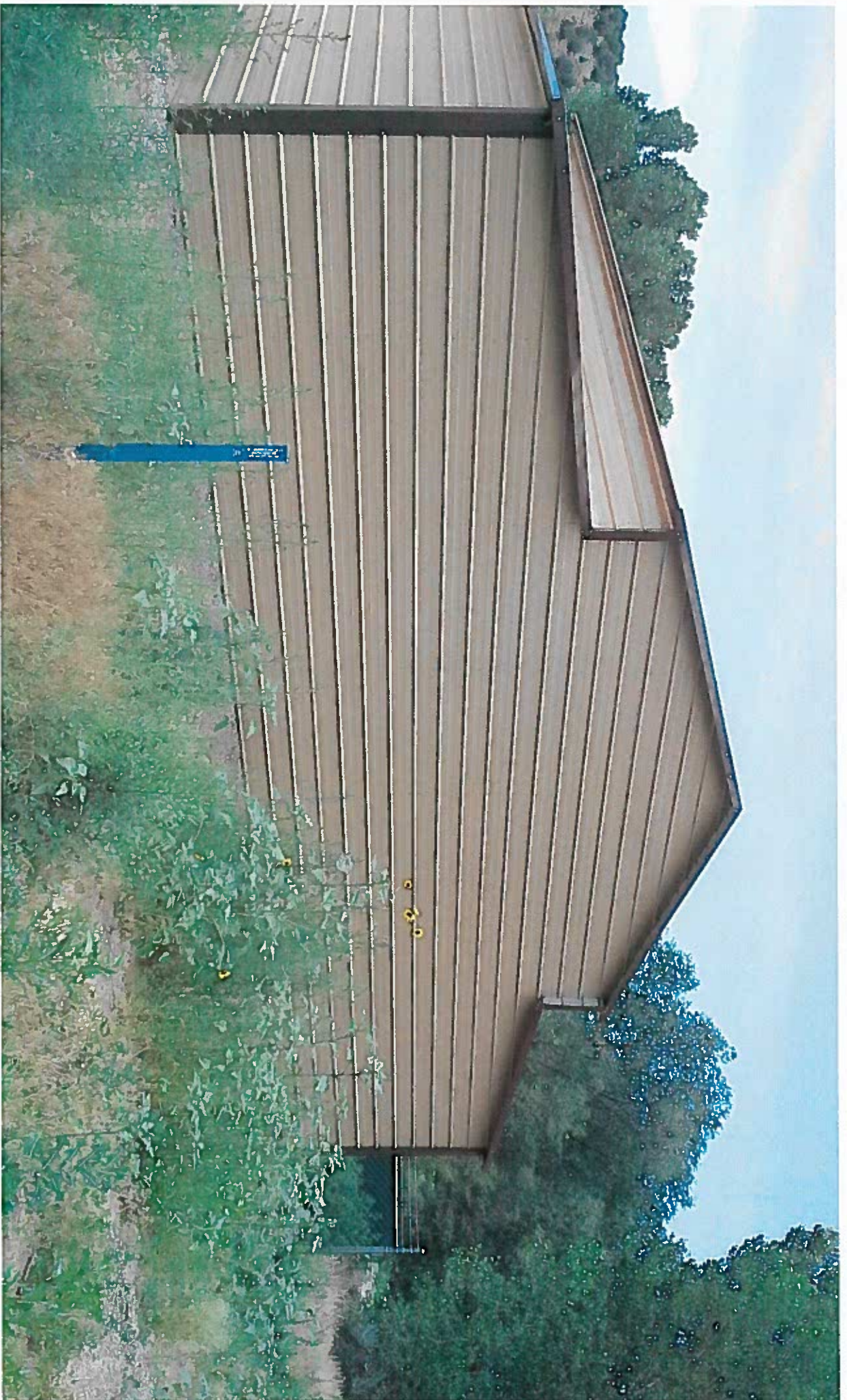
W. SIDE

12126



N. SIDE

12126



ANIMAS RIVER

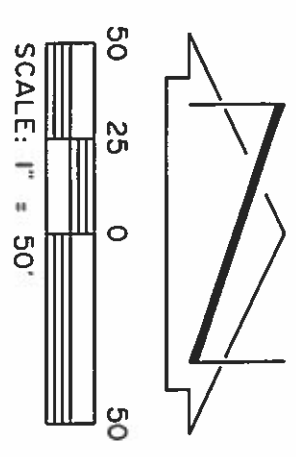
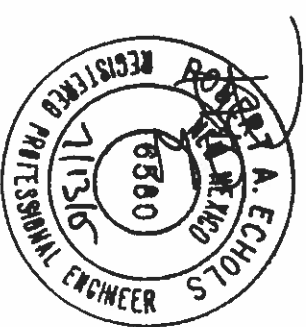
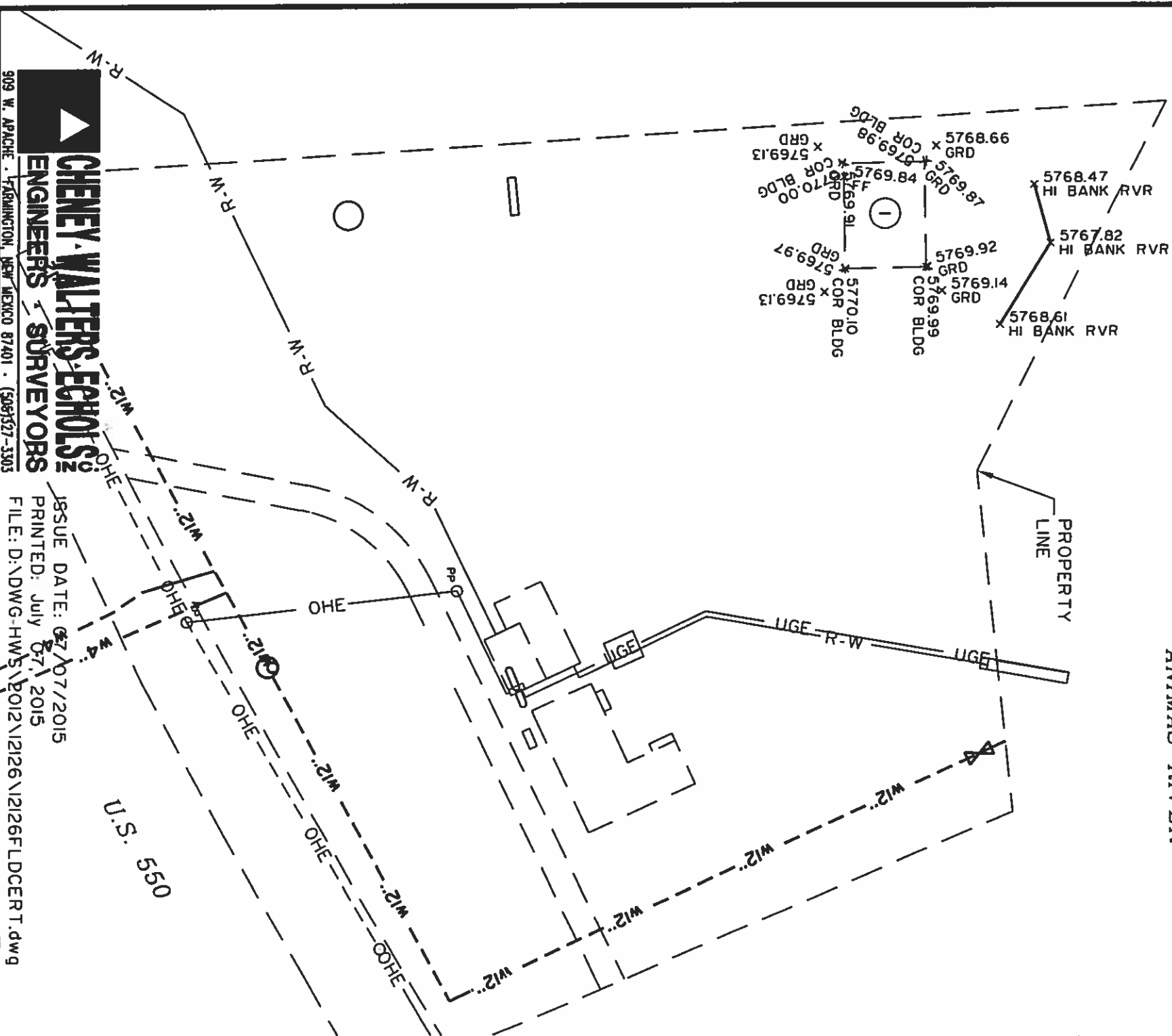
FLOOD ELEVATION CERTIFICATE  
NORTHSTAR WATER USERS ASSOCIATION  
16681 US HWY 550  
AZTEC, NEW MEXICO 87410

DETERMINED BASE FLOOD ELEVATION

DETERMINED BASE FLOOD ELEVATION AT THIS ADDRESS HAS NOT BEEN DETERMINED.  
BUILDING IS IN ZONE A FROM PANEL 395/2750 REVISED AUGUST 05, 2013 FOR BASE  
FLOOD ELEVATION SEE SHEET No. 2 OF 2 FOR FIRM MAP INFORMATION.

KEYED NOTES:

- ① EXISTING FINISH FLOOR ELEVATION = 5769.84

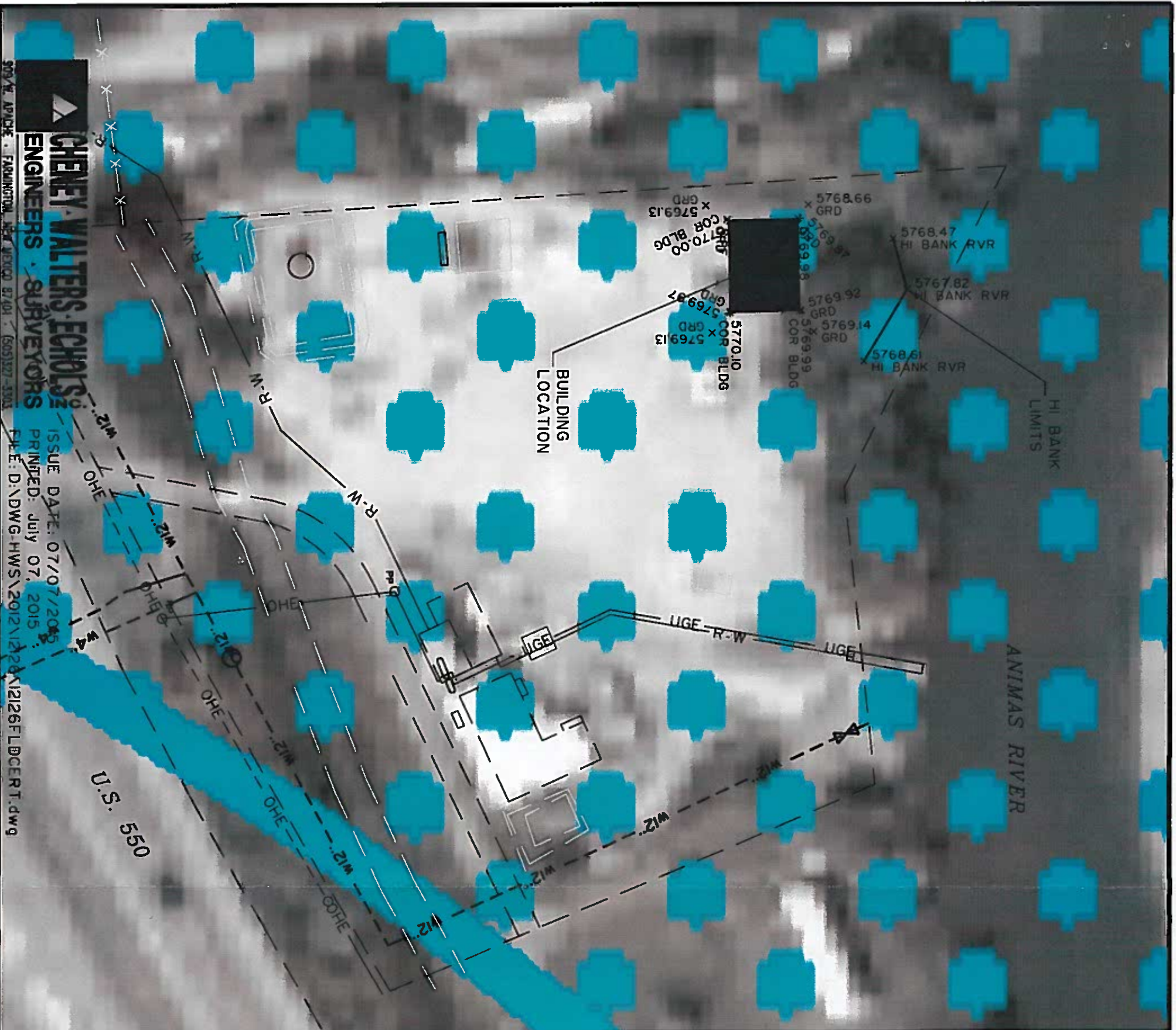


**CHENEY WALTERS ECHOLS**  
**ENGINEERS SURVEYORS**

ISSUE DATE: 07/07/2015  
PRINTED: July 07, 2015  
FILE: D:\DWG-HWS\2012\12126\12126FLDCERT.dwg

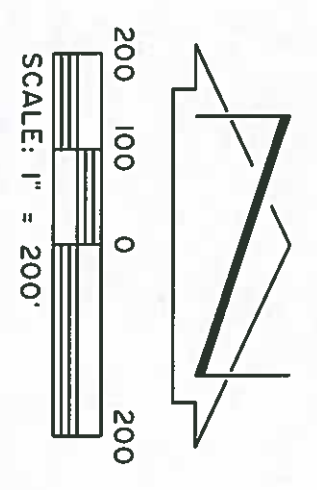


FLOOD ELEVATION CERTIFICATE  
 NORTHSTAR WATER USERS ASSOCIATION  
 16681 US HWY 550  
 AZTEC, NEW MEXICO 87410



**CHENEY WALTERS ECHOLS**  
 ENGINEERS - SURVEYORS

ISSUE DATE: 07/07/2015  
 PRINTED: July 07, 2015  
 FILE: D:\DWG-HWS\2012\1226\12126FLDCERT.DWG



<b>NATIONAL FLOOD INSURANCE PROGRAM</b>	
<b>FIRM</b>	<b>PANEL 0395F</b>
FLOOD INSURANCE RATE MAP SAN JUAN COUNTY, NEW MEXICO AND INCORPORATED AREAS	
PANEL 395 OF 2750	
(SEE MAP INDEX FOR PANEL LAYOUT)	
COMMENTS:	NUMBER PANEL REFERENCE
SAN JUAN COUNTY	20004 0395
MAP NUMBER 35045C0395F	
EFFECTIVE DATE AUGUST 5, 2010	
Federal Emergency Management Agency	

**LEGEND**

- SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**
- The 1% Annual Chance 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 subject to flooding by the 1% Annual Chance Flood are shown on this map. The Special Flood Hazard Area is the area subject to flooding by the 1% Annual Chance Flood. Areas subject to flooding by the 1% Annual Chance Flood are shown on this map.
- ZONE A** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 1 to 3 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE B** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 3 to 6 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE C** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 6 to 9 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE D** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 9 to 12 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE E** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 12 to 15 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE F** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 15 to 20 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE G** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 20 to 30 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE H** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 30 to 40 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE I** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 40 to 60 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE J** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 60 to 90 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE K** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 90 to 120 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE L** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 120 to 150 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE M** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 150 to 200 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE N** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 200 to 300 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE O** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 300 to 400 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE P** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 400 to 600 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE Q** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 600 to 900 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE R** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 900 to 1200 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE S** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 1200 to 1500 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE T** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 1500 to 2000 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE U** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 2000 to 3000 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE V** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 3000 to 4000 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE W** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 4000 to 6000 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE X** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 6000 to 9000 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE Y** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 9000 to 12000 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - ZONE Z** Special Flood Hazard Area (SFHA) subject to inundation by the 1% Annual Chance Flood. Areas of 12000 to 15000 feet (based on a 100-year return period) of flood depth are shown. For areas of flood depth, see the map.
  - OTHER AREAS** Areas determined to be outside the 1% Annual Chance Floodplain. Areas in which flood hazards are undetermined, but possible.
  - COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS** Areas determined to be outside the 1% Annual Chance Floodplain. Areas in which flood hazards are undetermined, but possible.
  - OTHERWISE PROTECTED AREAS (OPA)** Areas determined to be outside the 1% Annual Chance Floodplain. Areas in which flood hazards are undetermined, but possible.
  - 1% Annual Chance Floodplain Boundary** Boundary of the 1% Annual Chance Floodplain.
  - Zone D Boundary** Boundary of Zone D.
  - Zone E Boundary** Boundary of Zone E.
  - Zone F Boundary** Boundary of Zone F.
  - Zone G Boundary** Boundary of Zone G.
  - Zone H Boundary** Boundary of Zone H.
  - Zone I Boundary** Boundary of Zone I.
  - Zone J Boundary** Boundary of Zone J.
  - Zone K Boundary** Boundary of Zone K.
  - Zone L Boundary** Boundary of Zone L.
  - Zone M Boundary** Boundary of Zone M.
  - Zone N Boundary** Boundary of Zone N.
  - Zone O Boundary** Boundary of Zone O.
  - Zone P Boundary** Boundary of Zone P.
  - Zone Q Boundary** Boundary of Zone Q.
  - Zone R Boundary** Boundary of Zone R.
  - Zone S Boundary** Boundary of Zone S.
  - Zone T Boundary** Boundary of Zone T.
  - Zone U Boundary** Boundary of Zone U.
  - Zone V Boundary** Boundary of Zone V.
  - Zone W Boundary** Boundary of Zone W.
  - Zone X Boundary** Boundary of Zone X.
  - Zone Y Boundary** Boundary of Zone Y.
  - Zone Z Boundary** Boundary of Zone Z.
  - Traverse Line** Traverse line.
  - Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere** Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere.
  - 5000-foot grid scale, New Mexico State Plane Coordinate System, West Zone (PROJCS=5000, Transverse Mercator Projection, West Zone, FIPS=5000, UTM Zone 12N, Datum=North American Datum of 1983, Units=US Feet, Contour Interval=1000 Feet)** 5000-foot grid scale, New Mexico State Plane Coordinate System, West Zone (PROJCS=5000, Transverse Mercator Projection, West Zone, FIPS=5000, UTM Zone 12N, Datum=North American Datum of 1983, Units=US Feet, Contour Interval=1000 Feet).
  - 411.5** Elevation in feet.

**CHENEY WALTERS ECHOLS**  
 REGISTERED PROFESSIONAL ENGINEER  
 71515  
 6580