

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Interim Director



Mayor Timothy M. Keller

August 26, 2019

Steve Metro, P.E.
Wilson & Company
4900 Lang Ave NE
Rio Rancho, New Mexico 87109

**Re: SAD 228 Lot 7 Block 10
6509 Petirrojo NW
Request for Permanent C.O. - Accepted
Engineer's Stamp dated: 12-14-18 (D10D003P7)
Certification dated: 8-23-19**

Mr. Metro,

PO Box 1293

Based on the Certification received 8/23/2019, this residence is acceptable for release of Certificate of Occupancy by Hydrology.

Albuquerque

Please advise the home owner that all ponds are to remain in place and kept maintained, not allowing dirt or debris to enter the public right of way or ponds. This is according to the SAD 228 covenants and agreements with the City of Albuquerque.

NM 87103

If you have any questions, you can contact me at 924-3999 or Rudy Rael at 924-3977.

www.cabq.gov

Sincerely,

A handwritten signature in blue ink, appearing to read 'Shahab Biazar', is written over a horizontal line.

Shahab Biazar, P.E.
City Engineer, Planning
Division Manager

RR/SB
C: email D10D003P7



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 6509 Petrojo Rd NW ^ G & D Plan Building Permit #: _____ Hydrology File #: 010 - D003P7

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: Lot 7, Block 10, Unit 18 Volcano Cliffs Subdivision ABO, NM

City Address: 6509 Petrojo Rd NW ABO NM

Applicant: Unified Contractors Contact: Ivan Santistevan

Address: PO Box 93984

Phone#: 505-350-3324 Fax#: _____ E-mail: ivan@unifiedcontractor.com

Other Contact: Wilson + Company Contact: Steve Metro

Address: 4401 Masthead Str NE Ste 150

Phone#: 505-280-4553 Fax#: 505-348-4055 E-mail: Steve.Metro@wilsonco.com

TYPE OF DEVELOPMENT: _____ PLAT (# of lots) RESIDENCE _____ DRB SITE _____ ADMIN SITE

IS THIS A RESUBMITTAL? _____ Yes No

DEPARTMENT _____ TRANSPORTATION HYDROLOGY/DRAINAGE

Check all that Apply:

TYPE OF SUBMITTAL:

- ENGINEER/ARCHITECT CERTIFICATION
- PAD CERTIFICATION
- CONCEPTUAL G & D PLAN
- GRADING PLAN
- DRAINAGE REPORT
- DRAINAGE MASTER PLAN
- FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- ELEVATION CERTIFICATE
- CLOMR/LOMR
- TRAFFIC CIRCULATION LAYOUT (TCL)
- TRAFFIC IMPACT STUDY (TIS)
- STREET LIGHT LAYOUT
- OTHER (SPECIFY) _____
- PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

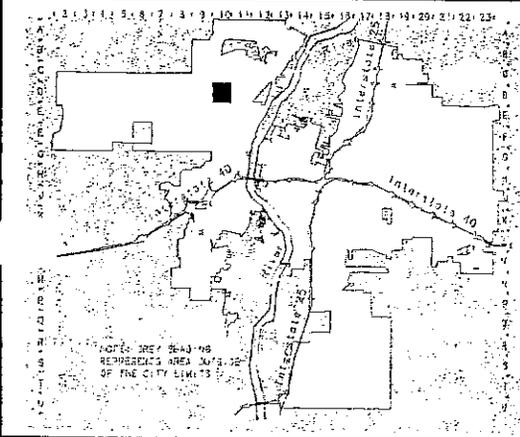
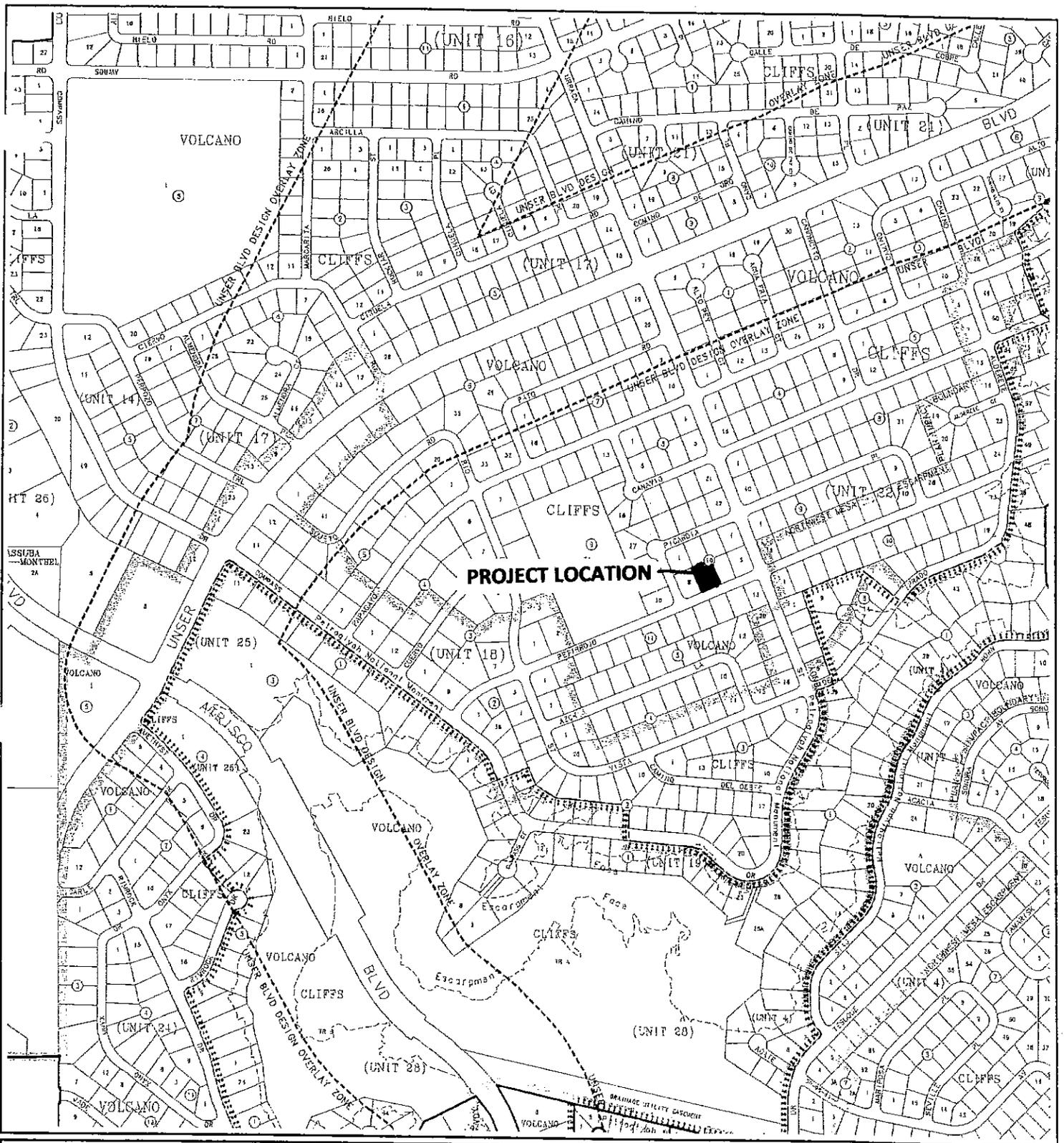
- BUILDING PERMIT APPROVAL
- CERTIFICATE OF OCCUPANCY
- PRELIMINARY PLAT APPROVAL
- SITE PLAN FOR SUB'D APPROVAL
- SITE PLAN FOR BLDG. PERMIT APPROVAL
- FINAL PLAT APPROVAL
- SIA/ RELEASE OF FINANCIAL GUARANTEE
- FOUNDATION PERMIT APPROVAL
- GRADING PERMIT APPROVAL
- SO-19 APPROVAL
- PAVING PERMIT APPROVAL
- GRADING/ PAD CERTIFICATION
- WORK ORDER APPROVAL
- CLOMR/LOMR
- FLOODPLAIN DEVELOPMENT PERMIT
- OTHER (SPECIFY) AS BUILT

DATE SUBMITTED: 8-23-19 By: [Signature]

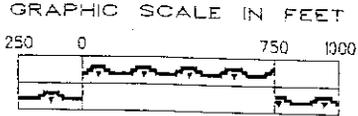
COA STAFF: _____

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____



CITY OF
ALBUQUERQUE
 A DIVISION OF THE
PLANNING DEPARTMENT
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Zone Atlas Page

D-10-Z

Map Amended through January 21, 2003

CITY OF ALBUQUERQUE



December 15, 2014

Steve Metro, P.E.
Metro Development Inc.
8860 Desert Finch Ln. NE
Albuquerque, New Mexico 87122

**RE: SAD 228, Lot 7 Block 10
6509 Petirrojo Rd. NW
Grading and Drainage Plan
Engineers Stamp Date 12/8/14 (D10-D003P7)**

Dear Mr. Metro,

Based upon the information provided in your submittal received 12/8/14, this plan is approved for Grading Permit and Building Permit.

Please attach a copy of this approved plan to the construction sets in the permitting process prior to sign-off by Hydrology.

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

PO Box 1293

Albuquerque

If you have any questions, please contact me at 924-3695 or Rudy Rael at 924-3977.

New Mexico 87103

Sincerely,

Curtis Cherne, P.E.
Principal Engineer, Hydrology
Planning Department

www.cabq.gov

RR/CC
C: File

CITY OF ALBUQUERQUE



December 5, 2014

Steve Metro, P.E.
Metro Development Inc.
8860 Desert Finch Ln NE
Albuquerque, New Mexico 87122

**RE: 6509 Petirrojo Rd. NW
Grading and Drainage Plan
Engineers Stamp Date 11/29/14 (D10-D003P7)**

Dear Mr. Metro,

Based upon the information provided in your submittal received 12/1/2014, the above referenced Grading and Drainage Plan cannot be approved for Grading Permit or Building Permit until the following comments are addressed.

- Provide a Vicinity map, a FEMA map or designation, a narrative.
- Mention of the first flush per EPA standards is required. The amount required is .34" times the impervious area.
- Provide a section of the V Ditch and calculations for the ditch. 13.0cfs seems a bit too much. Is the ditch a shared ditch, if so where will the block fence be placed?
- What are the inverts of the openings? Is this a block fence?
- What is the flow line in the street?

PO Box 1293

Albuquerque

If you have any questions please contact me at 924-3986 or Rudy Rael at 924-3977.

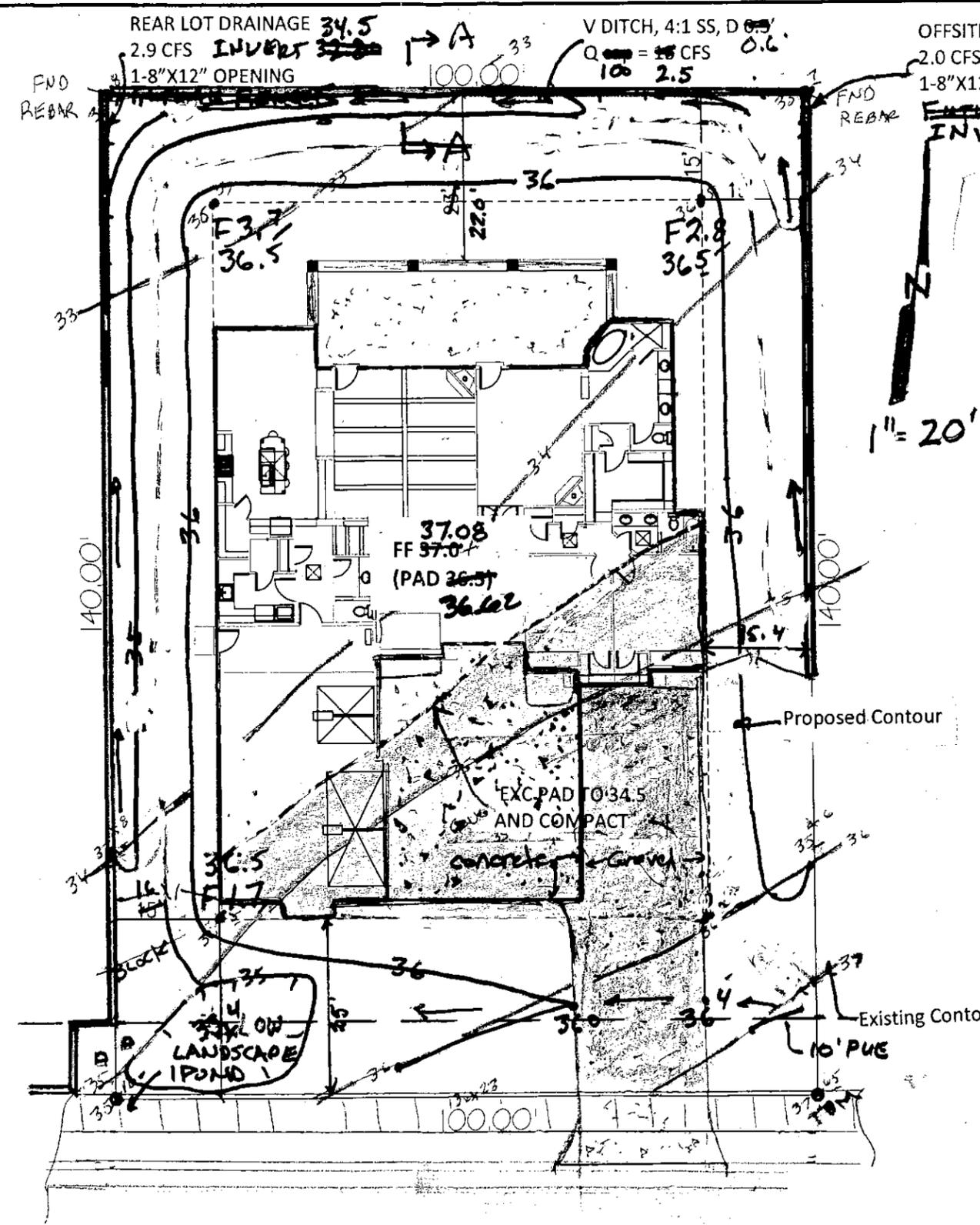
New Mexico 87103

Sincerely,

Curtis Cherne, P.E.
Principal Engineer, Planning Department
Development and Review Services

www.cabq.gov

RR/CC
C: File



DRAINAGE CERTIFICATION
 I, Daniel S. Aguirre, NMPE 11955, OF THE FIRM Wilson & Company, Inc., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN AS REVISED DATED 12-18-2018. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AS SUPPLEMENTAL DATA TO THE ORIGINAL TOPOGRAPHIC SURVEY PREPARED BY Steven J. Metro, NMPS 10025, OF THE FIRM Wilson & Company, Inc., AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR Certificate of Occupancy at 6609 Petirrojo Road, NW.

THIS CERTIFICATION IS FOR THE CERTIFICATE OF OCCUPANCY.
 THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

Daniel S. Aguirre, NMPE 11955
 8/23/19 Date



Prepared by Steven J. Metro, PE and PS
 Wilson & Company
AS BUILT

**LOT 7, BLOCK 10, UNIT 18 VCS
 6509 PETIRROJO ROAD, NW
 GRADING PLAN**



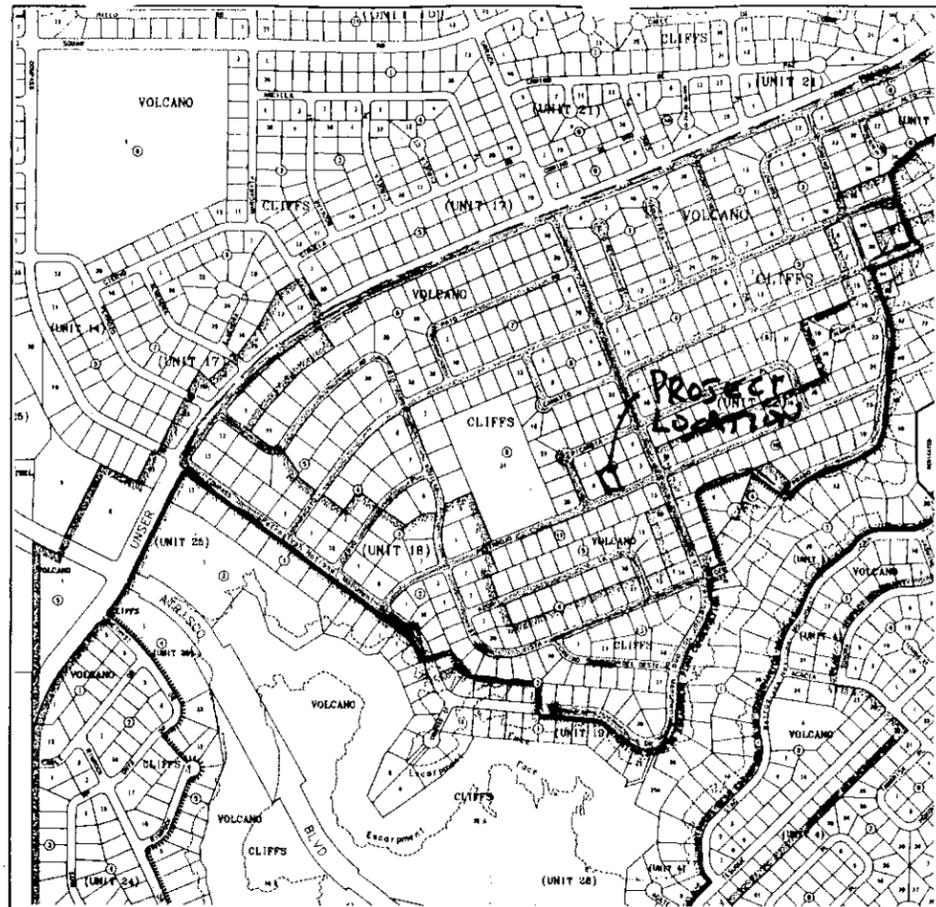
V-DITCH SECTION A-A

Mannings EQ: $Q = 1.49/n \cdot A \cdot R^{2/3} \cdot S^{1/2}$

$D = 0.6'$ $S = 0.90\%$ $n = 0.03$
 $Q_{100} = 2.5 \text{ cfs}$ $V_{100} = 1.7 \text{ fps}$

PETIRROJO RD NW (50' R/W)

COVER	AREA LOT		SAD 228 DMP %	Q100 CFS / ACRE	TOTAL PROP	SAD 228 DMP	DRAIN TO	
	SF	%					REAR OF LOT SF	REAR LOT Q100 CFS
TYPE D	6,662	48	50	4.37	0.67	0.70	5,600	0.56
TYPE C	5,338	14	40	2.87	0.35	0.37	5,338	0.35
TYPE B	2,000	38	10	2.03	0.09	0.07	0	0.00
	14000	100	100		1.11	1.14	10,938	0.91



SCALE IN FEET
 250 0 500 1000
 1" = 500'

AMERICAN LAND SURVEYORS ASSOCIATION
 Copyright 2008
 Map Assessed through March 31, 2008

LEGAL DESCRIPTION
 THE
 100
 100
 UNIFORM PROPERTY CODE
 SECTION
D-10-Z

VICINITY MAP

Narrative

Grading and Drainage Plan for the construction of the building pad for Lot 7, Block 10, Unit 18, Volcano Cliff S Subdivision, being a part of SAD 228.

Address: 6509 PETIRROJO ROAD, NW, ABO, NM

Purpose of this Plan is to establish the first floor elevation, house layout, lot drainage including offsite flows.

First Flush per EPA Standards

The Initial First Flush to be managed is 0.44" less 0.10" initial impervious abstraction = 0.34" or 480 cubic feet. The initial storage on site will be collected and held in the two landscape ponds near the street as shown on the Plan.



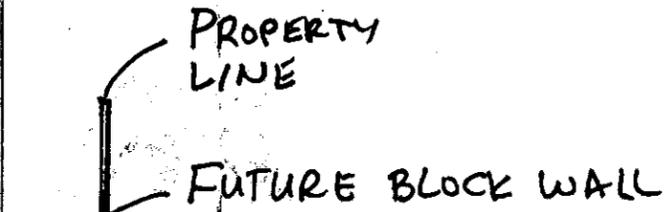
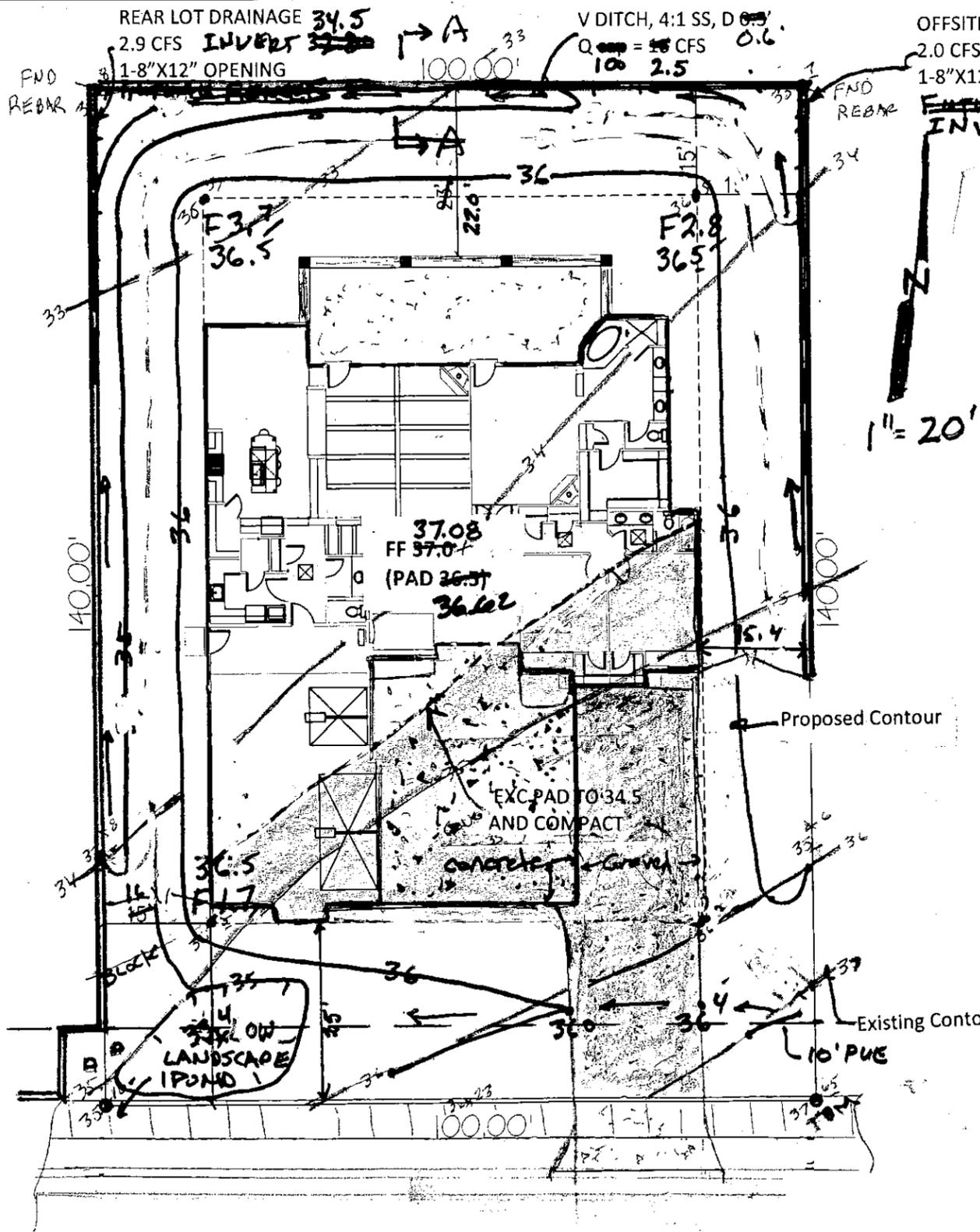
FEMA MAP



12-8-14
 2-4-15
 12-14-18

AS BUILT

GRADING AND DRAINAGE PLAN
LOT 7, BLOCK 10, UNIT 18, VCS
ADDRESS: 6509 PETIRROJO RD, NW



Y-DITCH SECTION A-A

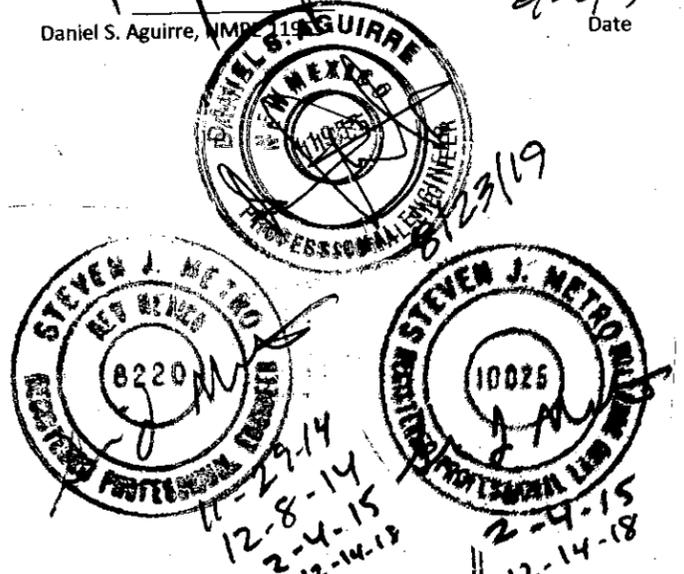
Mannings EQ: $Q = 1.49/n \cdot A \cdot R^{2/3} \cdot S^{1/2}$

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 $Q_{100} = 2.5 \text{ cfs}$ $V_{100} = 1.7 \text{ fps}$

DRAINAGE CERTIFICATION
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THIS CERTIFICATION IS FOR THE CERTIFICATE OF OCCUPANCY.
 THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

Daniel S. Aguirre, NMPE 11955
 8/23/19 Date



Prepared by Steven J. Metro, PE and PS
 Wilson & Company **AS BUILT**

**LOT 7, BLOCK 10, UNIT 18 VCS
 6509 PETIRROJO ROAD, NW
 GRADING PLAN**

PETIRROJO RD NW (50' R/W)

COVER	AREA LOT		SAD 228 DMP %	Q100 CFS / ACRE ZONE 1	TOTAL PROP		SAD 228 DRAIN TO	
	SF	%			Q100 CFS	DMP	REAR OF LOT SF	REAR LOT Q100 CFS
TYPE D	6,662	48	50	4.37	0.67	0.70	5,600	0.56
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TYPE B	2,000	38	10	2.03	0.09	0.07	0	0.00
	14000	100	100		1.11	1.14	10,938	0.91