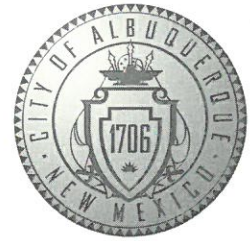


CITY OF ALBUQUERQUE

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

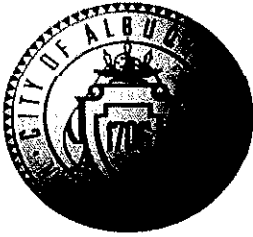
If you have any questions, you can contact me at 924-3999 or Rudy Rael at 924-3977.

www.cabq.gov

Sincerely,

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 to Plan} Building Permit #: _____ Hydrology File #: 010 - D003P7

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

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

City Address: 6509 Petrojo Rd NW ABQ NM

Applicant: Unified Contractors Contact: Ivan Santistevan

Address: PO Box 93984

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

Other Contact: Wilson & Company Contact: Steve Metro

Address: 4401 Masthead St 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:

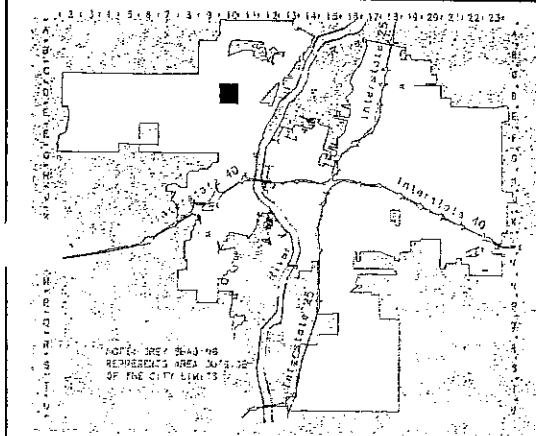
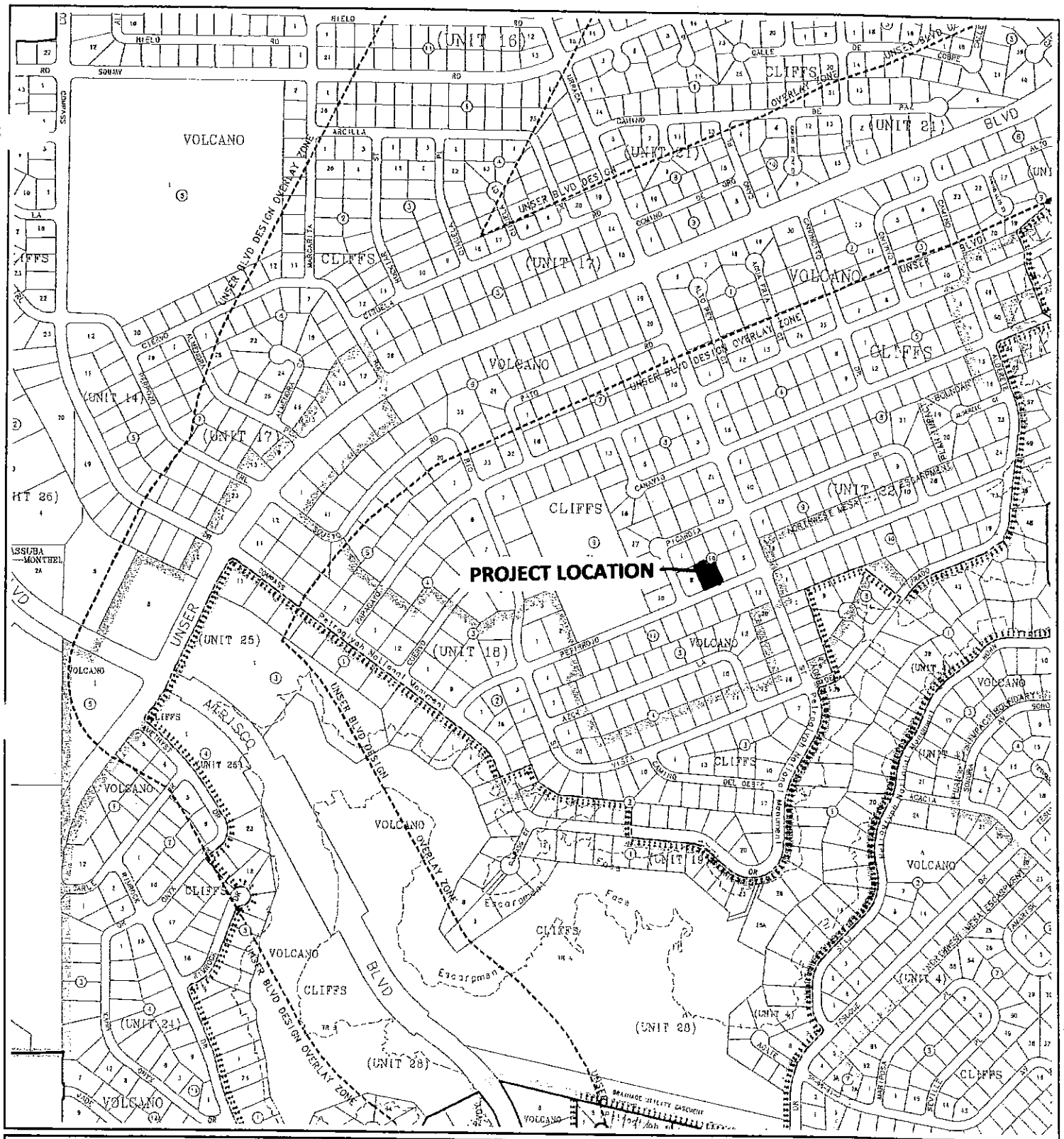
- ☐ BUILDING PERMIT APPROVAL
- ☒ CERTIFICATE OF OCCUPANCY
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ SITE PLAN FOR SUB'D APPROVAL
- ☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ SO-19 APPROVAL
- ☐ 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:

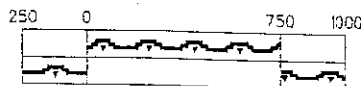
ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____



CITY OF
ALBUQUERQUE
A G I S
PLANNING DEPARTMENT
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GRAPHIC SCALE IN FEET



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

WILSON
& COMPANY
 ENGINEERS & ARCHITECTS

FIELD DENSITY TEST
 MOISTURE DENSITY GAUGE

6509 Petirrojo Rd NW, ABA NM

JOB NO. 08 400 104 02
 PROJECT SAD 228
 CLIENT _____
 CONTRACTOR _____

DATE 1/5/2015
 TESTED BY Timothy Sanchez
 METER NO. 19646
 SHEET 1 OF 1

TEST NUMBER	1					REMARKS
% COMPACTION REQUIRED	95.0					
% MOISTURE REQUIRED	9.0					
CONTACT						
AIR GAP (CPM)						
MOISTURE	6.7					
DENSITY STUDY COUNT	132.1					
MOISTURE (CPM)	97					
% MOISTURE	5.3					
BULK						
DRY DENSITY	125.4					
%(BULK) ASPHALT DENSITY						
% DRY DENSITY	100.0	✓				
TOP LIFT						
% TOP LIFT DENSITY						
LOCATION / ELEVATION FINISHED GRADE.						

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

New Mexico 87103

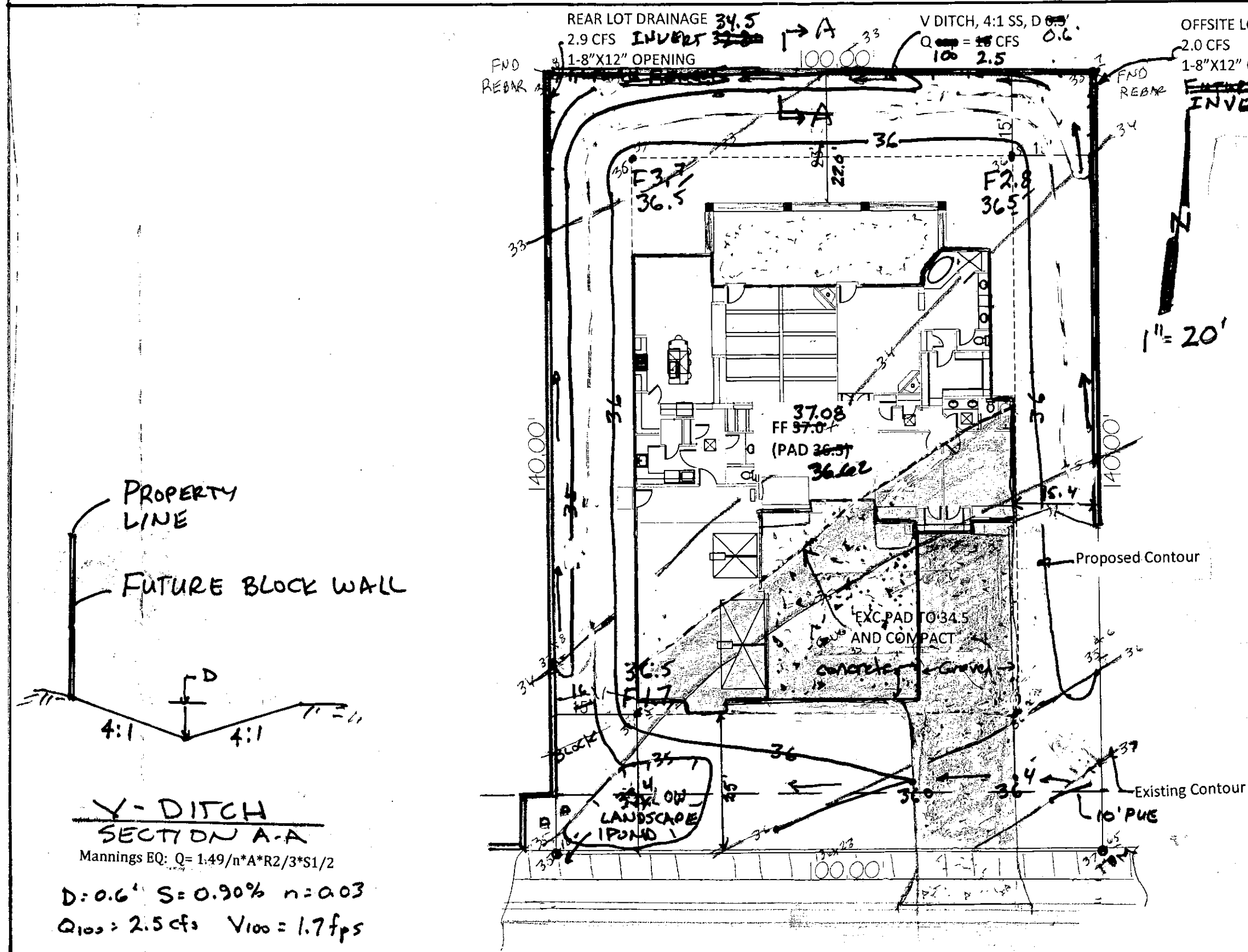
www.cabq.gov

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

Sincerely,

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

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
 Date: 8/23/19

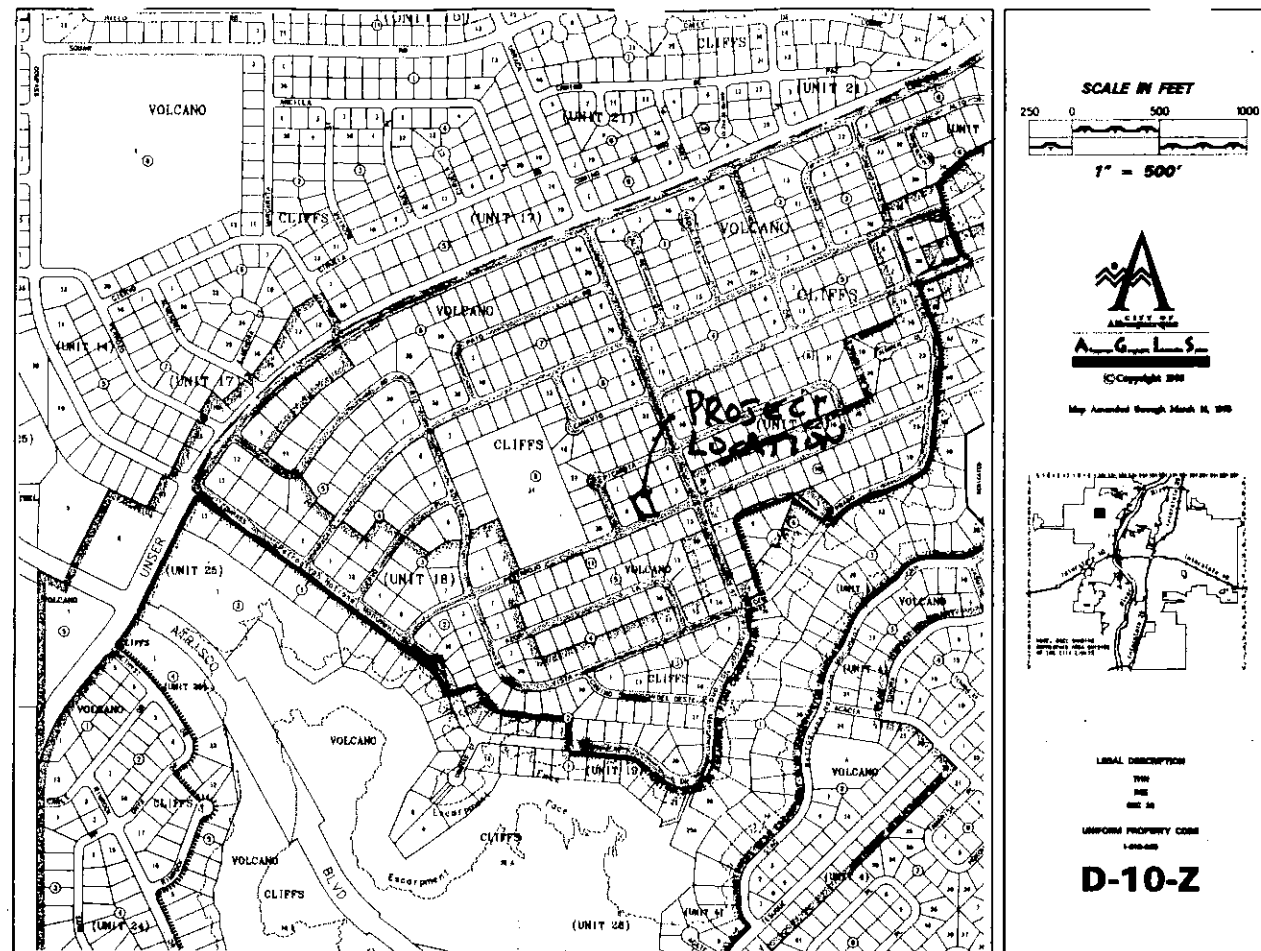
Steven J. Metro, NMPS 10025
 Date: 11-29-14, 12-8-14, 2-4-15, 12-14-18

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

COVER		AREA LOT	SAD 228		Q100 CFS	TOTAL	SAD 228	DRAIN TO
		SF	%	DMP %	ZONE 1	PROP	DMP	REAR OF
						Q100 CFS	Q100 CFS	LOT SF
TYPE D		6,662	48	50	4.37	0.67	0.70	5,600
TYPE C		5,338	14	40	2.87	0.35	0.37	5,338
TYPE B		2,000	38	10	2.03	0.09	0.07	0
		14000	100	100		1.11	1.14	10,938



VICINITY MAP



FEMA MAP

Narrative

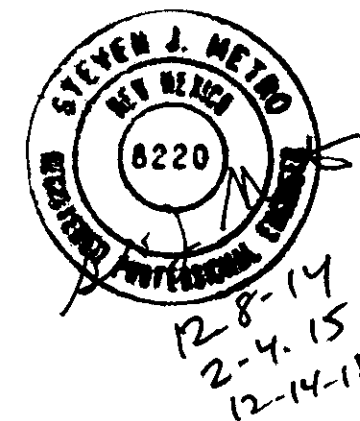
Grading and Drainage Plan for the construction of the building pad for Lot 7, Block 10, Unit 18, Volcano Cliff S Subdivision, being a part of SAD 228.

Address: 6509 PETIRROJO ROAD, NW, ABB, 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.

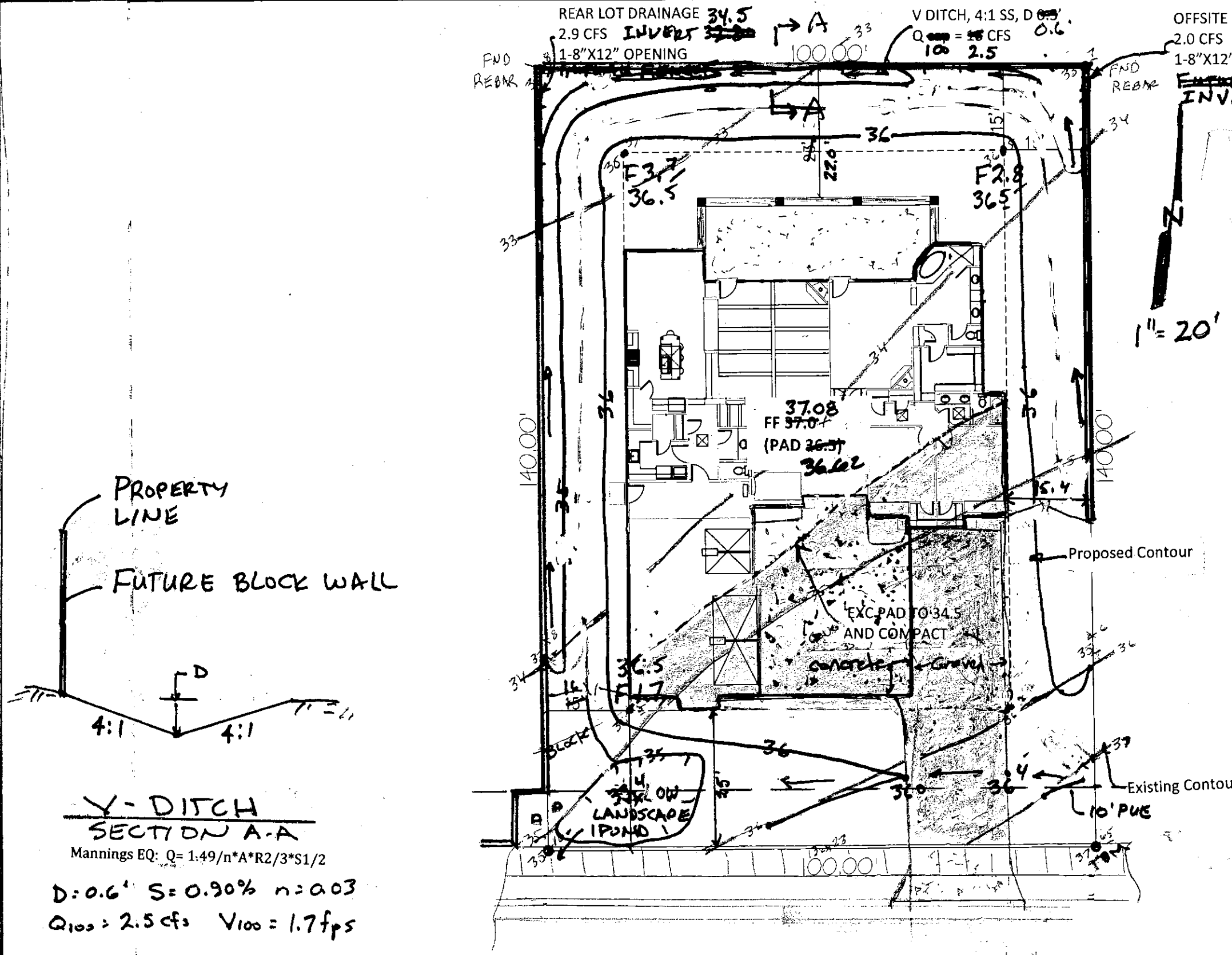


AS BUILT

GRADING AND DRAINAGE PLAN

LOT 7, BLOCK 10, UNIT 18, VCS

ADDRESS: 6509 PETIRROJO RD, NW

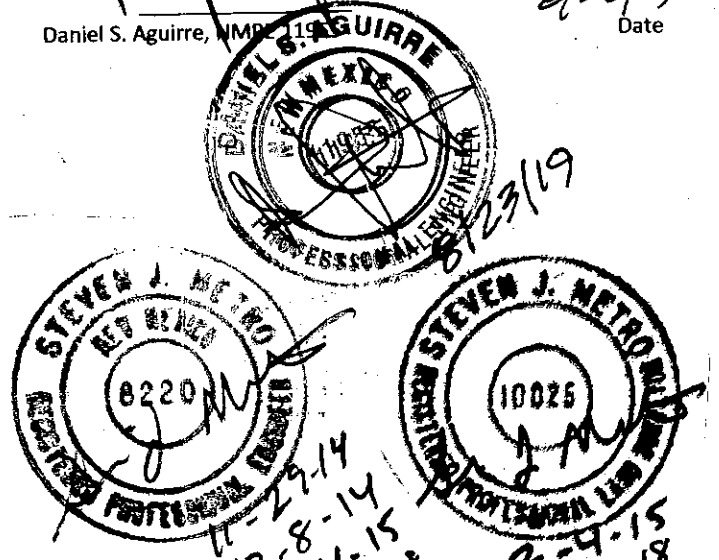


DRAINAGE CERTIFICATION
 I, Daniel S. Aguirre, NMPE 11955, OF THE FIRM Wilson & Company, Inc., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN AS REVISED DATED 12-18-2018. THE RECORD INFORMATION 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
 Date 8/23/19



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**

			Q100 CFS		TOTAL	SAD 228	DRAIN TO	
			/ ACRE		PROP	DMP	REAR OF	REAR LOT
COVER	AREA LOT	%	SAD 228	ZONE 1	Q100 CFS	Q100 CFS	LOT SF	Q100 CFS
	SF		DMP %					
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