



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: 6610-6612 Petrorojo Rd. NW Building Permit #: _____ City Drainage #: _____

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

Legal Description: Lots 1-2, B2, U18 Volcano Cliffs Subdivision

City Address: 6610-6612 Petrorojo Rd NW

Engineering Firm: Metro Development, Inc. Contact: Steve Metro

Address: 8860 Desert Finch Ln NE, ABO, NM 87122

Phone#: 505-280-4553 Fax#: 505-348-4055 E-mail: steve.metro@wilsona.com

Owner: Steven Metro Contact: Steven Metro

Address: 8860 Desert Finch NE ABO, NM 87122

Phone#: 505-280-4553 Fax#: _____ E-mail: steve.metro@wilsona.com

Architect: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Surveyor: Metro Development, Inc. Contact: Steve Metro

Address: 8860 Desert Finch Ln NE, ABO, NM 87122

Phone#: _____ Fax#: _____ E-mail: steve.metro@wilsona.com

Contractor: Guyman Construction Solutions LLC Contact: Rudy Guyman

Address: 6020 Industry Way ABO NM 87105

Phone#: 505-452-0663 Fax#: 505-452-0664 E-mail: rudy@guymancs.com

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☒ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☐ GRADING PLAN
- ☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☐ ENGINEER'S CERT (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERT (TCL)
- ☐ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ ENGINEER'S CERT (ESC)
- ☐ SO-19
- ☐ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

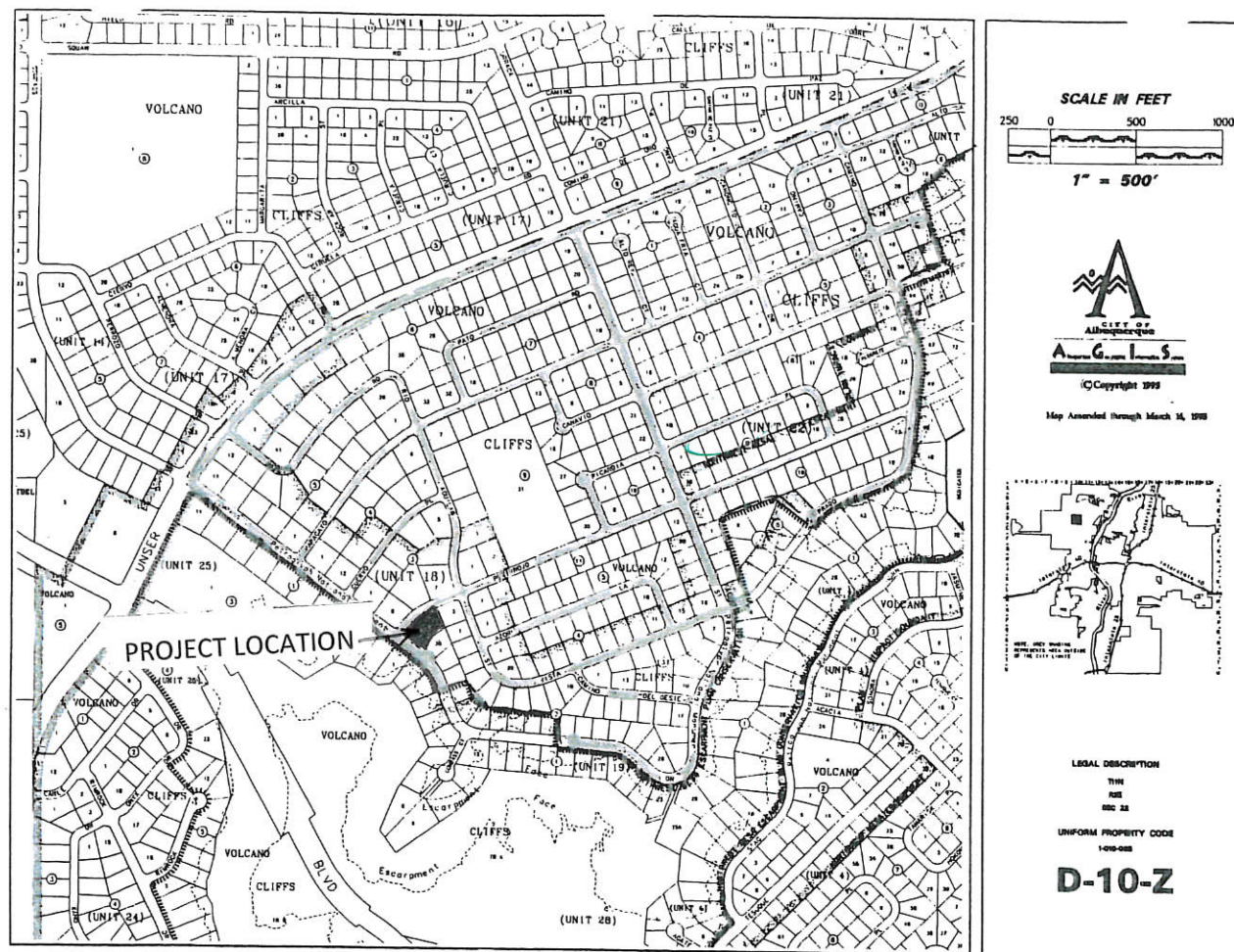
- ☐ SIA/FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☒ CERTIFICATE OF OCCUPANCY (PERM)
- ☐ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ GRADING CERTIFICATION
- ☐ SO-19 APPROVAL
- ☐ ESC PERMIT APPROVAL
- ☐ ESC CERT. ACCEPTANCE
- ☐ OTHER (SPECIFY) _____

WAS A PRE-DESIGN CONFERENCE ATTENDED: _____ Yes ☒ No _____ Copy Provided _____

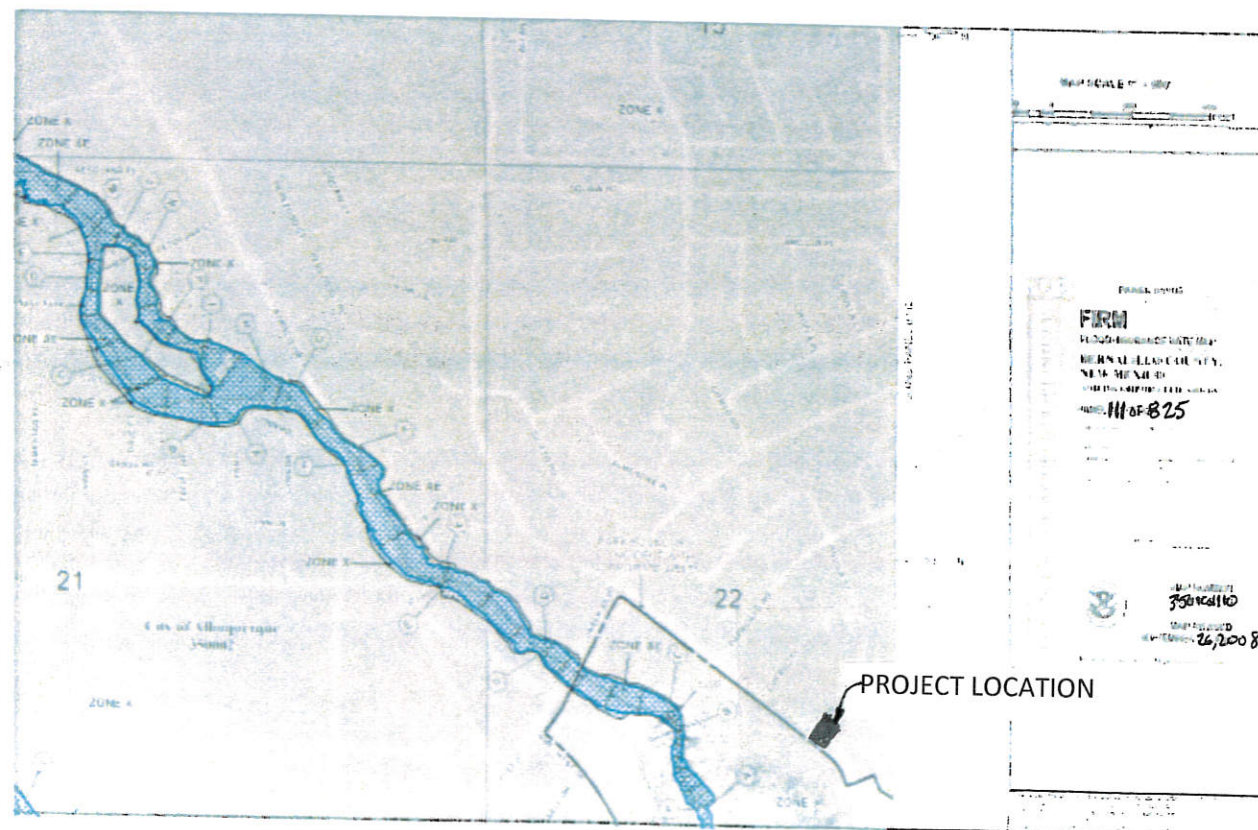
DATE SUBMITTED: 3-13-15 By: Steven Metro St J. Metro

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres
3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development



VICINITY MAP



FEMA MAP

Narrative

Grading and Drainage Plan for the construction of the building pad for Lots 1-2, Block 2, Unit 18, Volcano Cliff S Subdivision, being a part of SAD 228.

Address: 6610-6612 Petirrojo Road NW

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

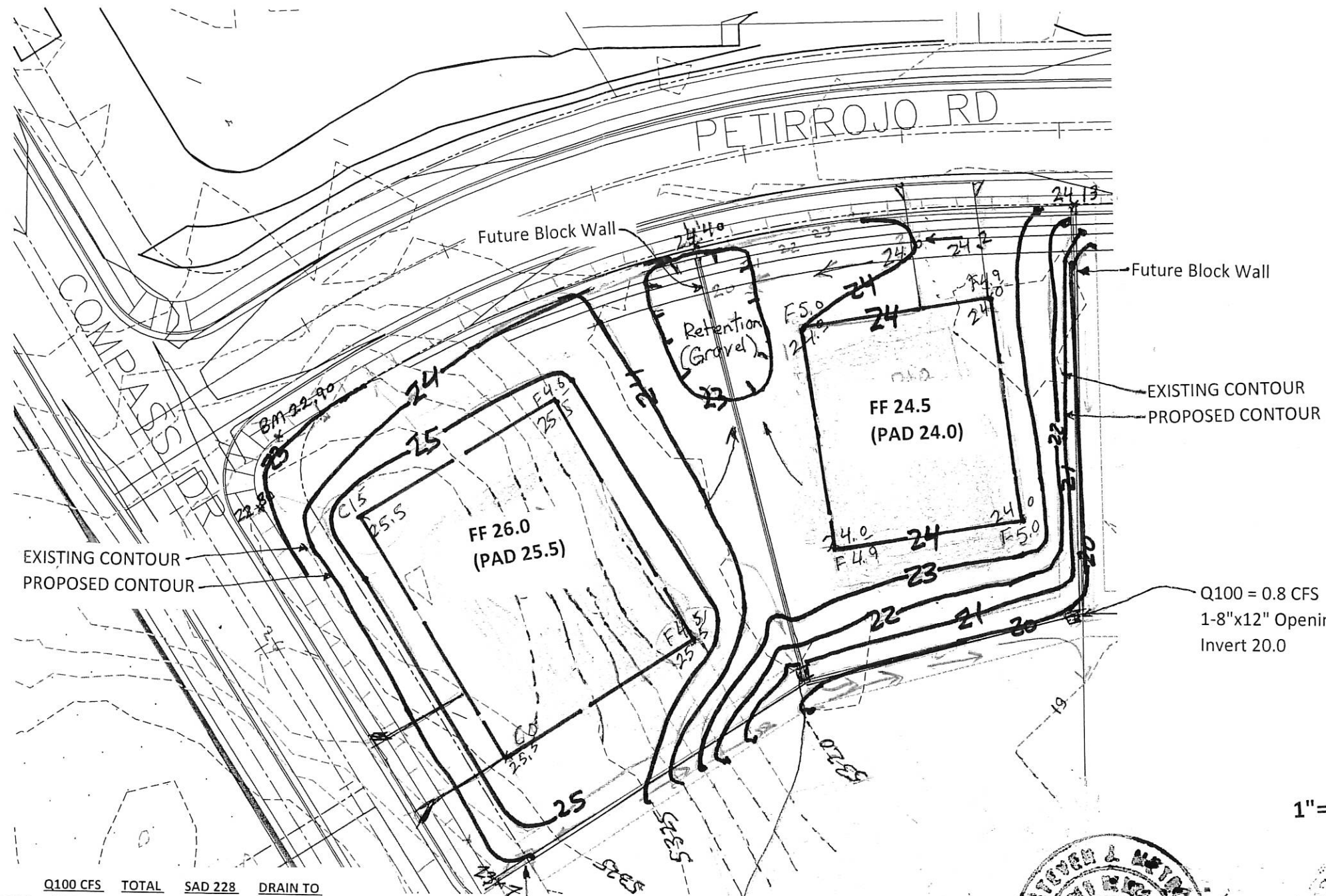
First Flush per EPA Standards

The Initial First Flush to be managed is 0.44" less 0.10" initial impervious abstraction = 0.34" or 930 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.



METRO
Development, Inc.
8860 Desert Finch Ln NE
Albuquerque, NM 87122
(505) 280-4553

GRADING AND DRAINAGE PLAN
LOTS 1-2, BLOCK 2, UNIT 18, VCS
ADDRESS: 6610-6612 Petirrojo Rd NW



LOT 1, BLOCK 2, UNIT 18 VCS		AREA LOT		SAD 228	Q100 CFS	TOTAL	SAD 228	DRAIN TO	
		SF	%	DMP %	/ ACRE	PROP	DMP	REAR OF	REAR LOT
					ZONE 1	Q100 CFS	Q100 CFS	LOT SF	Q100 CFS
TYPE D		7,600	41%	50	4.37	0.76	0.93	800	0.08
TYPE C		9,020	49%	40	2.87	0.59	0.49	800	0.05
TYPE B		1,930	10%	10	2.03	0.09	0.09	0	0.00
		18550	100%	100		1.45	1.51	1,600	0.13

LOT 2, BLOCK 2, UNIT 18 VCS		AREA LOT		SAD 228	Q100 CFS	TOTAL	SAD 228	DRAIN TO	
		SF	%	DMP %	/ ACRE	PROP	DMP	REAR OF	REAR LOT
					ZONE 1	Q100 CFS	Q100 CFS	LOT SF	Q100 CFS
TYPE D		4,400	31%	50	4.37	0.44	0.71	1,800	0.18
TYPE C		8,376	59%	40	2.87	0.55	0.37	8,000	0.53
TYPE B		1,410	10%	10	2.03	0.07	0.07	0	0.00
		14,186	100%	100		1.06	1.15	9,800	0.71

Q100 = 0.1 CFS
1-8"x12" Opening
Invert 20.5

Q100 = 0.8 CFS
1-8"x12" Opening
Invert 20.0



PREPARED BY STEVEN J. METRO, PE AND PS

GRADING & DRAINAGE PLAN
6610-6612 PETIRROJO RD NW
LOTS 1-2, BLOCK 2, UNIT 18 VCS

CITY OF ALBUQUERQUE



April 1, 2015

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

**RE: Lot 1 Block 2, Unit 22 Volcano Cliffs
6610 Petirrojo Rd NW
Grading and Drainage Plan
Engineers Stamp Date 3/17/15 (D10D003G1)**

Dear Mr. Metro,

Based upon the information provided in your submittal received 3/13/2015, 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

www.cabq.gov

Sincerely,

Rita Harmon, P.E.
Senior Engineer, Hydrology
Planning Department

RR/RH
C: File