

# CITY OF ALBUQUERQUE

Planning Department  
Suzanne Lubar, Director



Mayor Richard J. Berry

May 25, 2017

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

RE: **Volcano Cliffs Subdivision Lot 5, Block 8, Unit 22**  
**5412 Canavio Pl NW**  
**Grading and Drainage Plan**  
**Engineers Stamp Date 5/24/17 (D10D003E5)**

Dear Mr. Metro,

Based upon the information provided in your submittal received 5/24/17, this plan is approved for Grading Permit. Building permit will not be issued until Pad Certification is accepted.

Please attach a copy of this approved plan to the construction sets in the permitting process prior to sign-off by Hydrology. Also, please advise the owner/contractor that a separate wall permit must be obtained and this approved grading plan dated 5/24/17 must be provided with the wall permit application. Also, please advise the contractor/owner that the ponds must stay in place or CO will not be granted.

**A pad certification is required before concrete is poured, either by a letter from you stating that the pad is built according to the plan submitted or by an as-built with elevations plotted.**

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

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

Sincerely,

James D. Hughes, P.E.  
Principal Engineer, Hydrology  
Planning Department

RR/JDH  
C: File

PO Box 1293

Albuquerque

New Mexico 87103

[www.cabq.gov](http://www.cabq.gov)



# City of Albuquerque

Planning Department  
Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV' 09 2015)

Project Title: 6412 CANAVIO PL NW Building Permit #: \_\_\_\_\_ City Drainage #: \_\_\_\_\_  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_  
Legal Description: LOT 5, BLOCK 8, UNIT 22 VOLCANO CLIFFS SUBDIVISION  
City Address: 6412 CANAVIO PL NW

Engineering Firm: METRO DEVELOPMENT INC Contact: STEVE METRO  
Address: 8860 DESERT FINCH LANE, ABO, NM 87122  
Phone#: 505-280-4553 Fax#: \_\_\_\_\_ E-mail: steve.metro@wilsma.com  
Owner: RACHEL MATTHEW HOMES (Rio Grande Realty) Contact: Damian Gutierrez  
Address: \_\_\_\_\_  
Phone#: 505-843-9522 Fax#: \_\_\_\_\_ E-mail: damian.adwell@gmail.com  
Architect: \_\_\_\_\_ Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_  
Other Contact: \_\_\_\_\_ Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone#: \_\_\_\_\_ Fax#: \_\_\_\_\_ E-mail: \_\_\_\_\_

Check all that Apply:

### DEPARTMENT:

- ☒ HYDROLOGY/ DRAINAGE  
☐ TRAFFIC/ TRANSPORTATION  
☐ MS4/ EROSION & SEDIMENT CONTROL

### TYPE OF SUBMITTAL:

- ☐ ENGINEER/ ARCHITECT CERTIFICATION  
☐ CONCEPTUAL G & D PLAN  
☐ GRADING PLAN  
☐ DRAINAGE MASTER PLAN  
☐ DRAINAGE REPORT  
☐ CLOMR/LOMR  
☐ TRAFFIC CIRCULATION LAYOUT (TCL)  
☐ TRAFFIC IMPACT STUDY (TIS)  
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)

☒ OTHER (SPECIFY) REVISED G+D PLAN

IS THIS A RESUBMITTAL? ☒ Yes ☐ No

DATE SUBMITTED: 5-24-17 By: Steven Metro

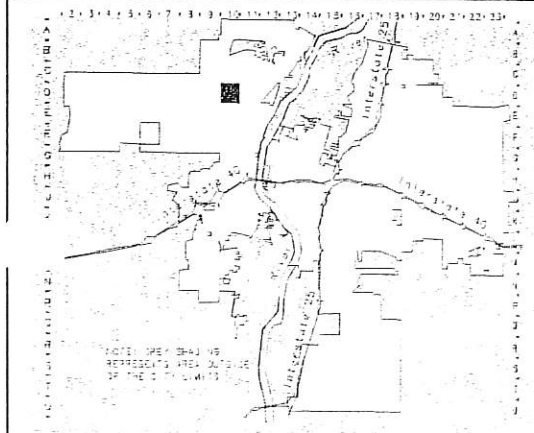
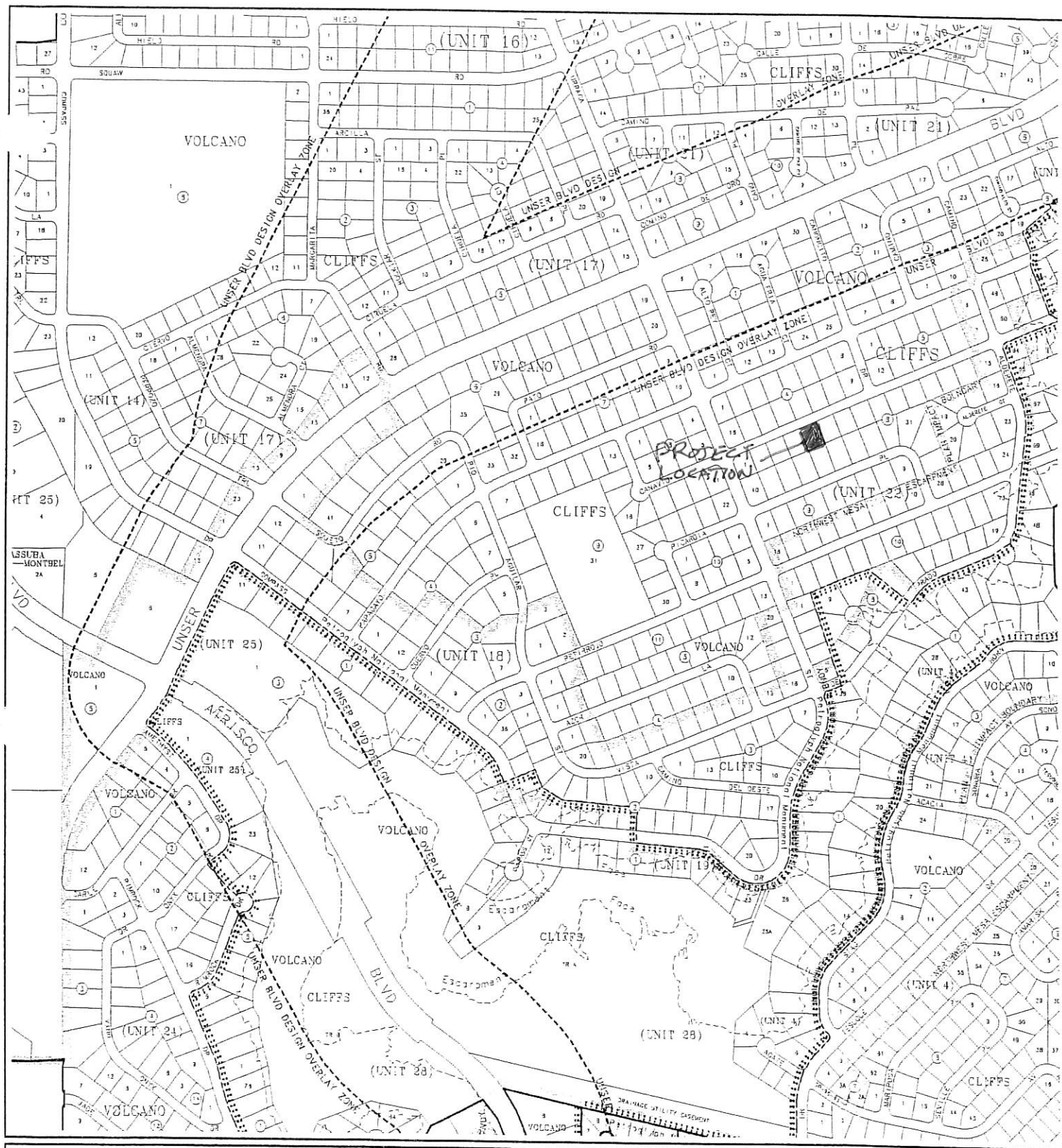
### CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ 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

☐ PRE-DESIGN MEETING

☒ OTHER (SPECIFY) REVISED G+D PLAN

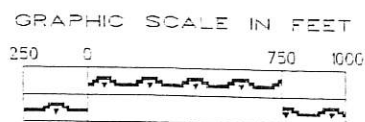
COA STAFF: \_\_\_\_\_ ELECTRONIC SUBMITTAL RECEIVED \_\_\_\_\_



CITY OF  
Albuquerque

**A**lbuquerque **G**overnor **I**nspector **S**uperintendent  
**PLANNING DEPARTMENT**

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Zone Atlas Page

**D-10-Z**

Map Amended through January 21, 2003

# CITY OF ALBUQUERQUE



March 31, 2015

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

**RE: Lot 5 Block 8, Unit 22 Volcano Cliffs  
6412 Canavio Pl NW  
Grading and Drainage Plan  
Engineers Stamp Date 3/25/15 (D10D00E5)**

Dear Mr. Metro,

Based upon the information provided in your submittal received 3/25/2015, 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

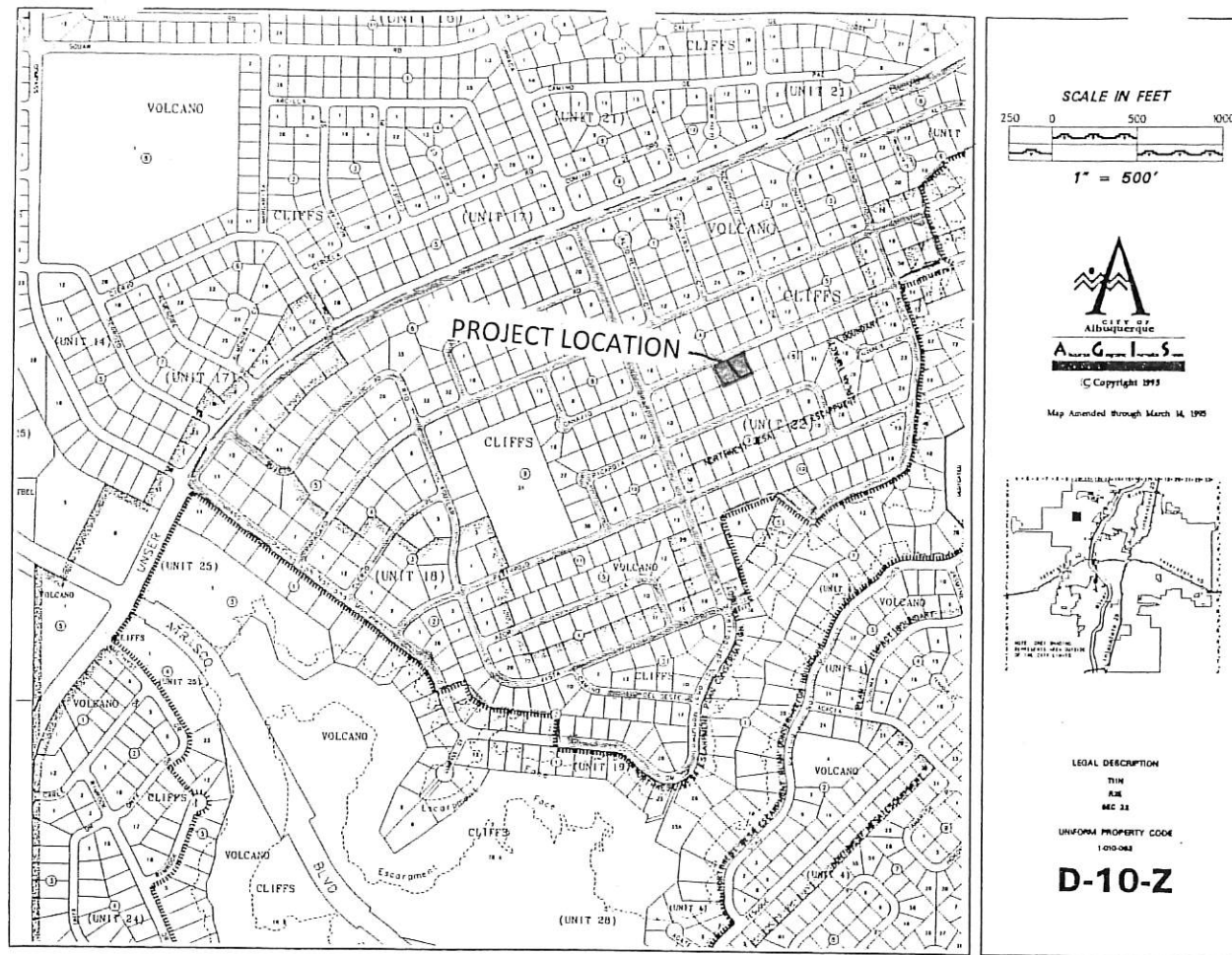
[www.cabq.gov](http://www.cabq.gov)

Sincerely,

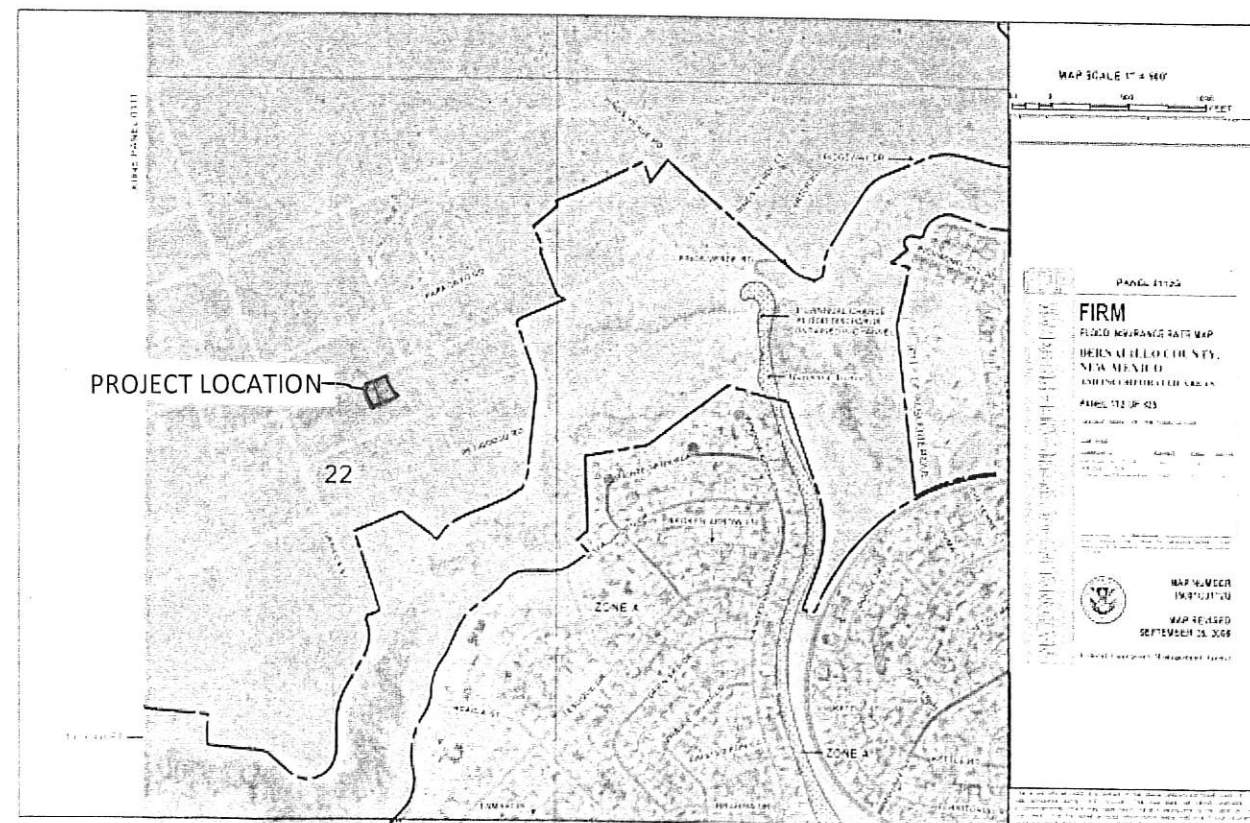
Rita Harmon, P.E.  
Senior Engineer, Hydrology  
Planning Department

RR/RH  
C: File





**VICINITY MAP**



**FEMA MAP**

### Narrative

Grading and Drainage Plan for the construction of the building pad for Lot 5, Block 8, Unit 22 Volcano Cliffs Subdivision, being a part of SAD 228.

Address: 6412 Canavio Place, NW

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

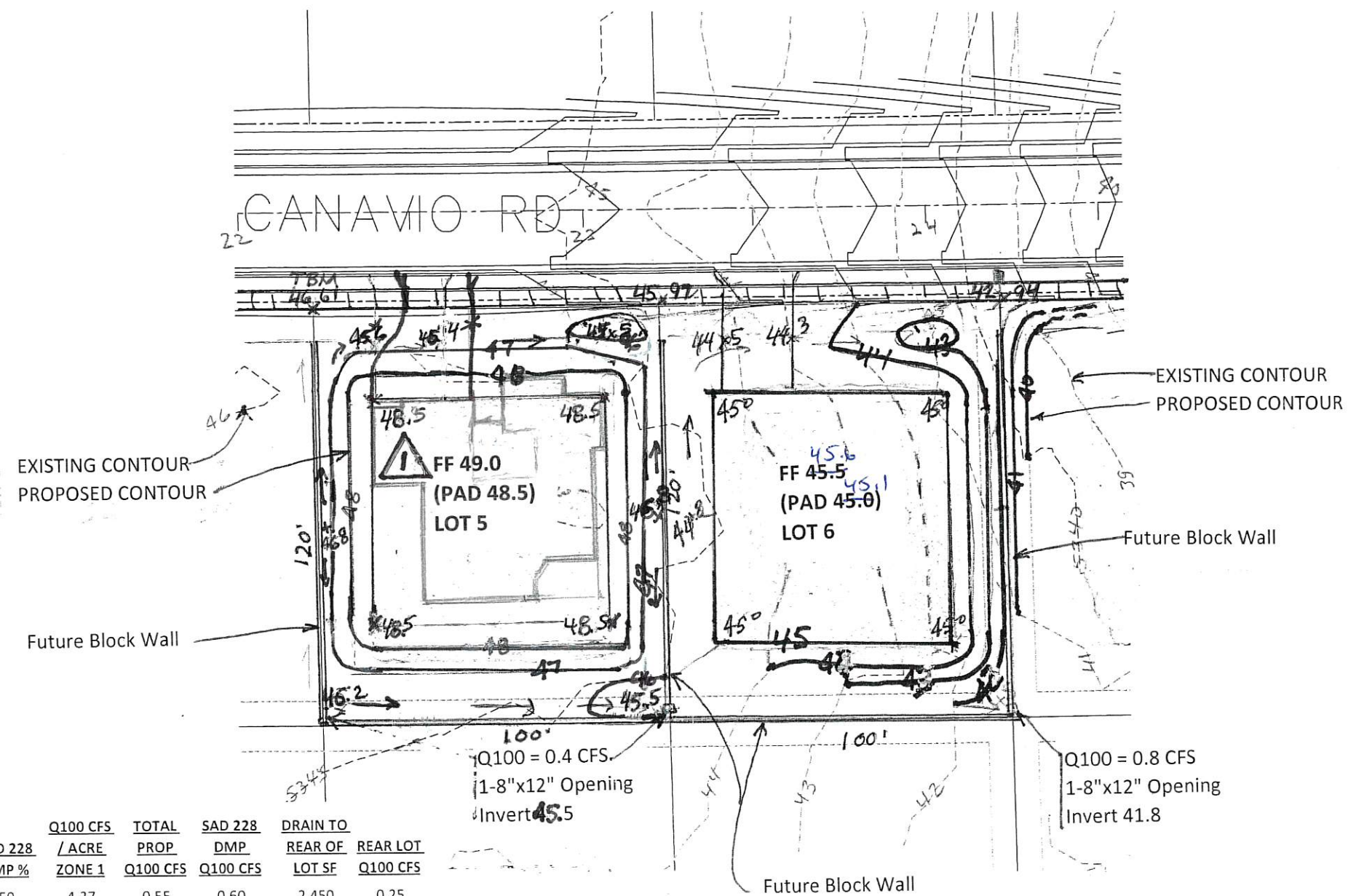
### First Flush per EPA Standards

The Initial First Flush to be managed is 0.44" less 0.10" initial impervious abstraction = 0.34" or 340 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**  
**LOT 5, BLOCK 8, UNIT 22, VCS**  
**ADDRESS: 6412 Canavio Pl NW**  
**Lot 5**



LOT 5, BLOCK 8, UNIT 22 VCS	AREA LOT SF	%	SAD 228 DMP %	Q100 CFS / ACRE ZONE 1	TOTAL PROP Q100 CFS	SAD 228 DMP Q100 CFS	DRAIN TO REAR OF LOT SF	REAR LOT Q100 CFS
TYPE D	5,500	46%	50	4.37	0.55	0.60	2,450	0.25
TYPE C	5,300	44%	40	2.87	0.35	0.32	2,700	0.18
TYPE B	1,200	10%	10	2.03	0.06	0.06	0	0.00
	12000	100%	100		0.96	0.97	5,150	0.42

LOT 6, BLOCK 8, UNIT 22 VCS	AREA LOT SF	%	SAD 228 DMP %	Q100 CFS / ACRE ZONE 1	TOTAL PROP Q100 CFS	SAD 228 DMP Q100 CFS	DRAIN TO REAR OF LOT SF	REAR LOT Q100 CFS
TYPE D	5,500	46%	50	4.37	0.55	0.60	2,450	0.25
TYPE C	5,300	44%	40	2.87	0.35	0.32	2,700	0.18
TYPE B	1,200	10%	10	2.03	0.06	0.06	0	0.00
	12,000	100%	100		0.96	0.97	5,150	0.42



Revised to raise FF due to rock

PREPARED BY STEVEN J. METRO, PE AND PS

GRADING & DRAINAGE PLAN

6412 Canavio Place NW

LOT 5, BLOCK 8, UNIT 22 VCS

SHEET 2 OF 2