

# CITY OF ALBUQUERQUE

*Planning Department*  
Suzanne Lubar, Director



*Mayor Richard J. Berry*

January 12, 2018

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

**RE: Lot 5 Block 8 Unit 22 SAD 228  
Volcano Cliffs Subdivision  
6412 Canavio NW  
Request for Permanent C.O. - Accepted  
Engineers Stamp Date 5/24/17 (D10D003E5)  
Certification Dated: 1/10/18**

PO Box 1293

Dear Mr. Metro,

Albuquerque

Based on the Certification received 1/12/2018, the above mentioned residence is acceptable for release of Certificate of Occupancy by Hydrology.

NM 87103

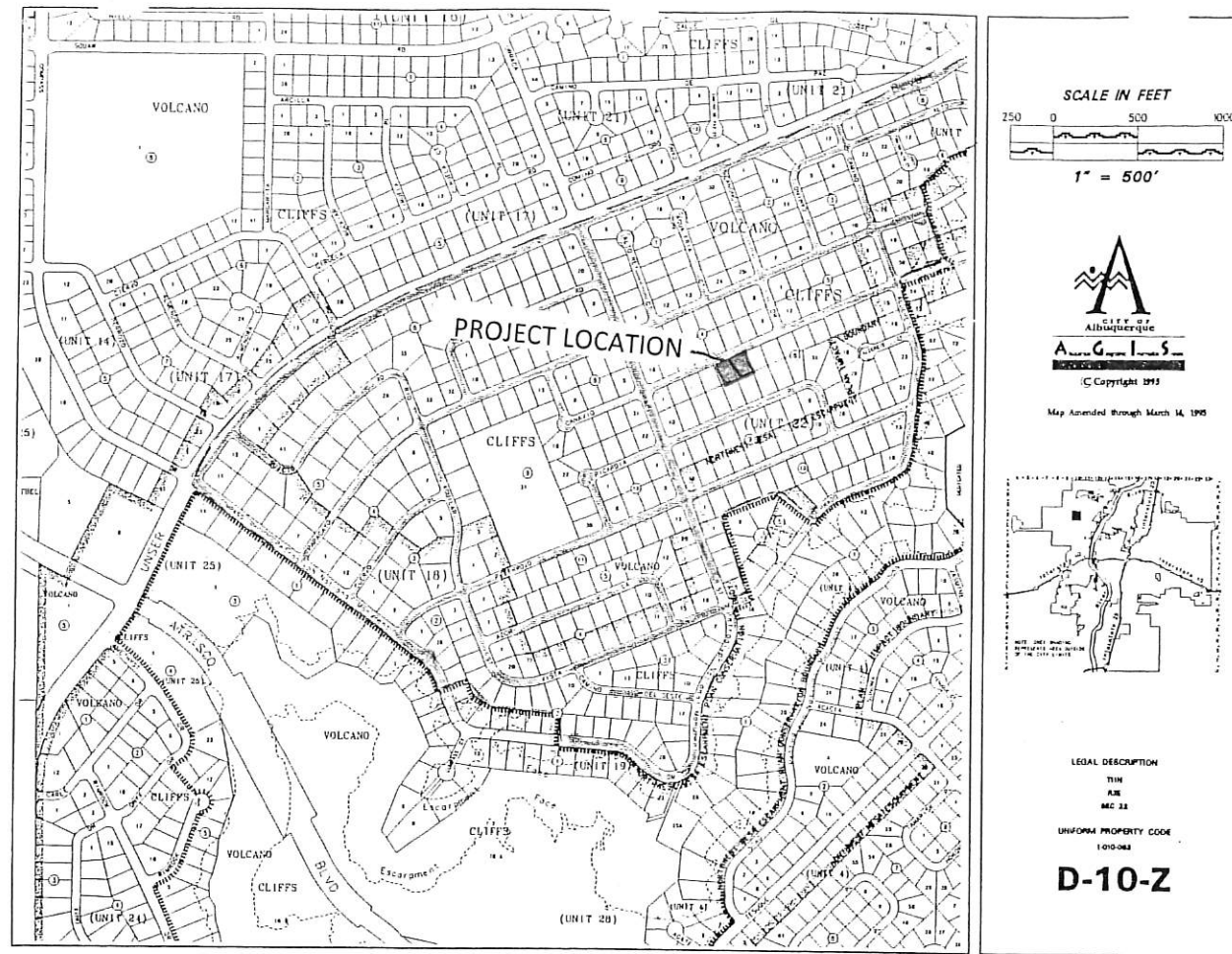
If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

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

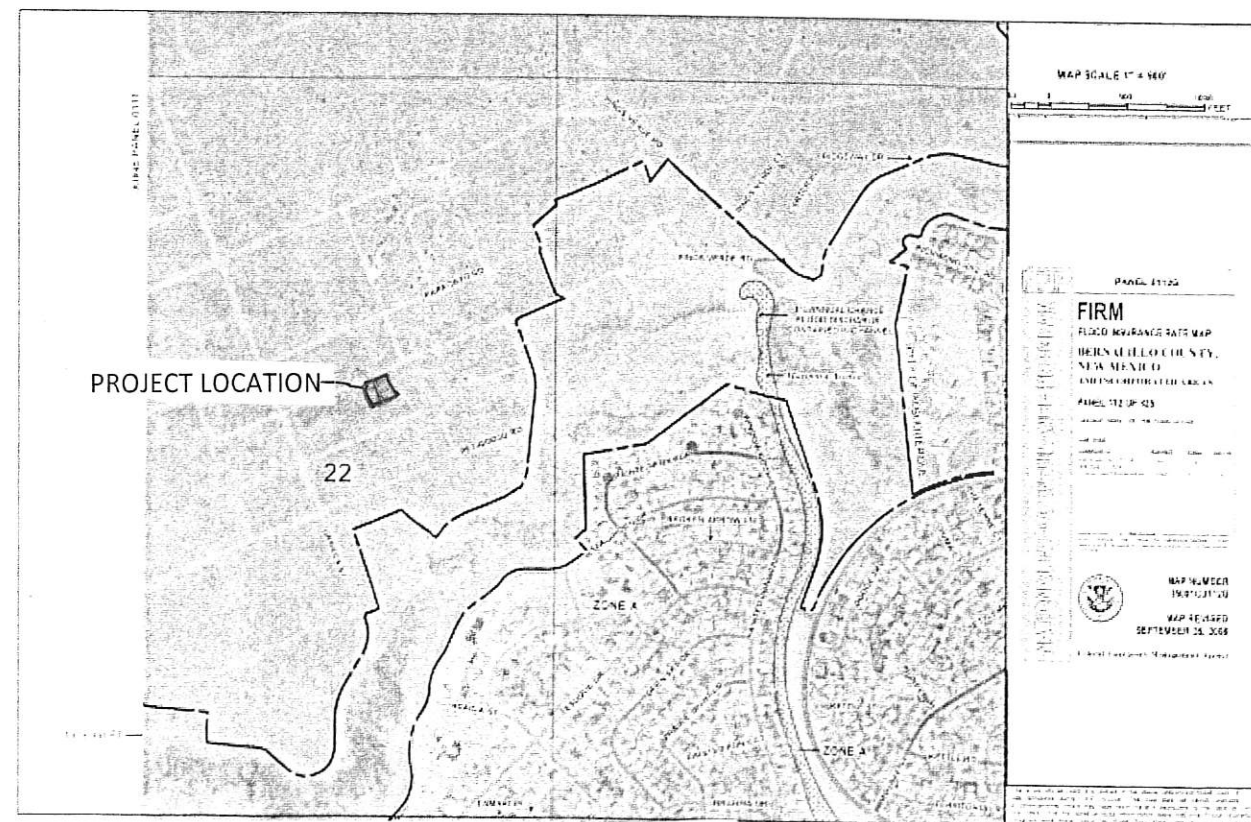
Sincerely,

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

RR/JDH  
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 Cliff S 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.

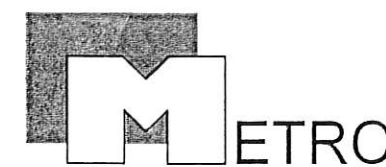


**AS BUILT**

**GRADING AND DRAINAGE PLAN**

**LOT 5, BLOCK 8, UNIT 22, VCS**

**ADDRESS: 6412 Canavio PL NW  
Lot 5**



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

DRAINAGE CERTIFICATION WITH VERIFICATION BY ENGINEER OF RECORD

1-10-2018

DRAINAGE CERTIFICATION

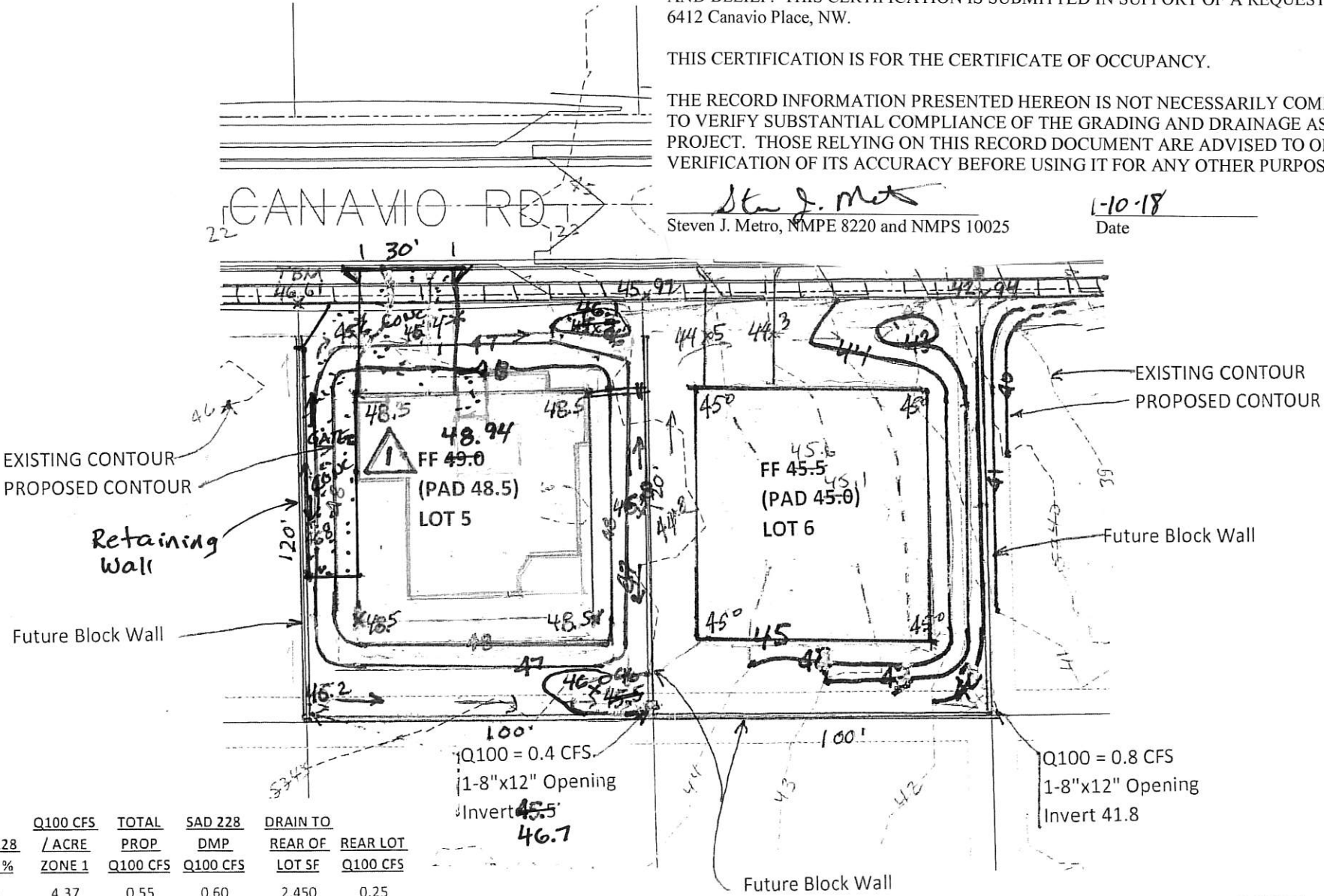
I, Steven J. Metro, NMPE 8220, OF THE FIRM Wilson & Company, Inc., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN AS REVISED DATED 5-24-2017. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN 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 6412 Canavio Place, 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.

Steven J. Metro, NMPE 8220 and NMPS 10025

1-10-18  
Date



LOT 5, BLOCK 8, UNIT 22 VCS	AREA LOT SF	%	SAD 228 DMP %	Q100 CFS / ACRE	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	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



AS BUILT 1"=40'

1. CERTIFICATION  
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