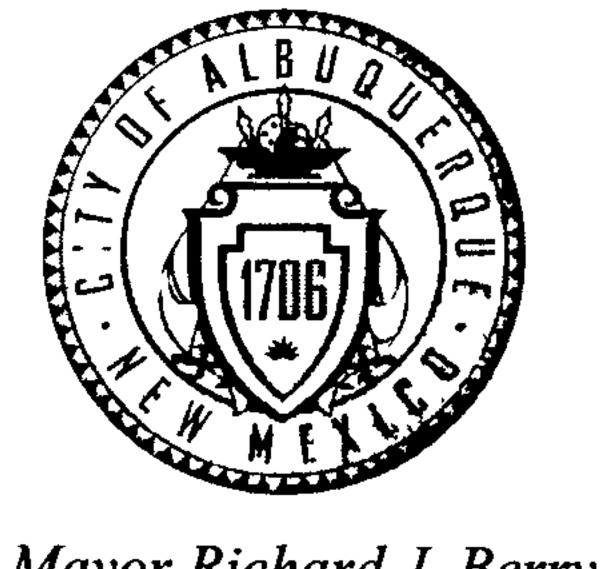
# CITY OF ALBUQUERQUE

Planning Department Suzanne Lubar, Director



Mayor Richard J. Berry

January 31, 2017

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

RE: Volcano Cliffs Subdivision Lot 7 Block 8 Unit 18 6509 Canavio Pl NW Grading and Drainage Plan **Engineers Stamp Date 1/30/17 (D10D003O7)** 

Dear Mr. Metro,

Based upon the information provided in your submittal received 1/30/17, this plan is approved for Grading Permit. Building permit will not be issued until Pad Certification is obtained

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 1/30/17 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.

Albuquerque

PO Box 1293

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.

New Mexico 87103

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

www.cabq.gov

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

Sincerely,

Shahab Biazar, P.E.

City Engineer, Albuquerque

Planning Department

RR/SB C: File



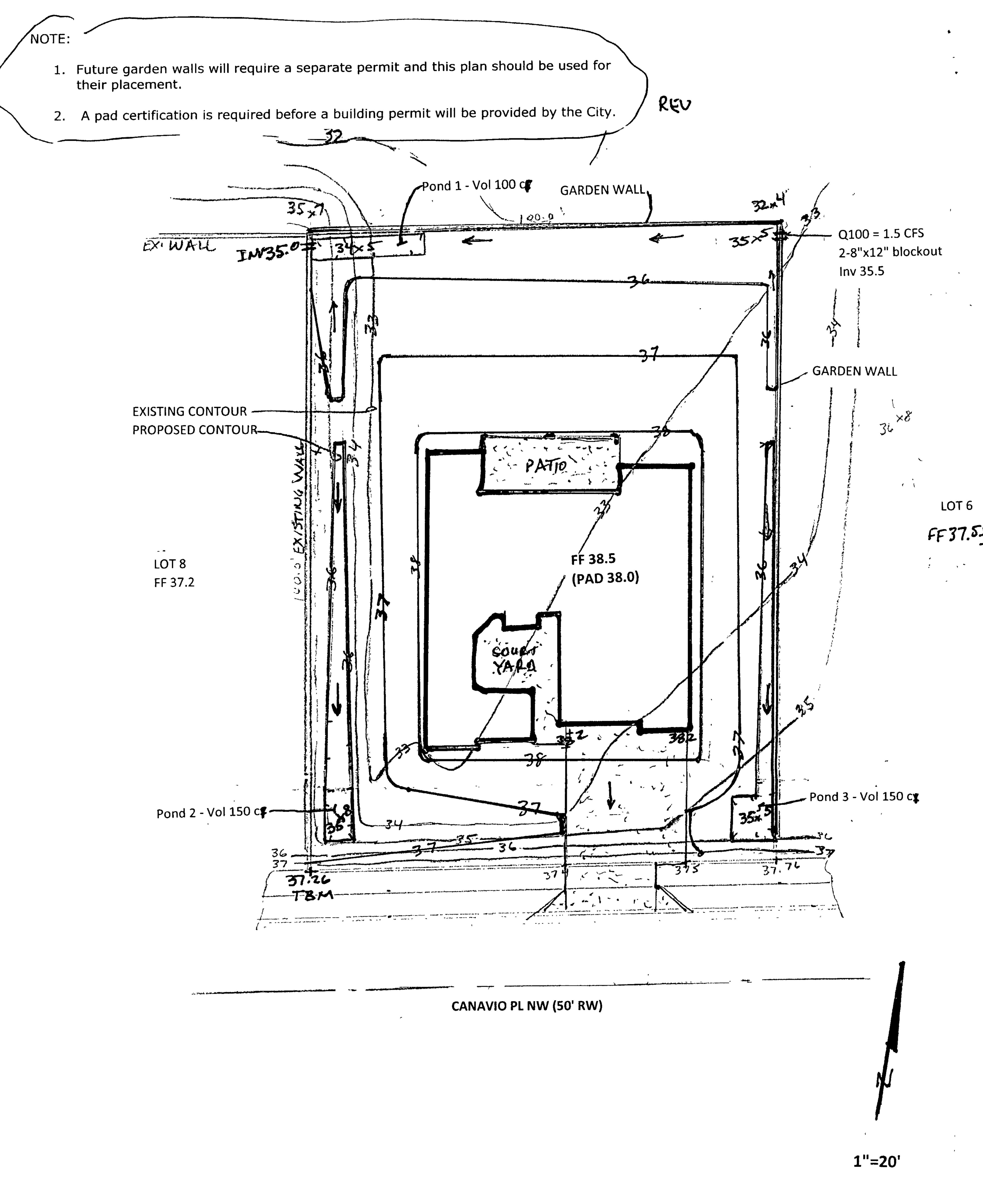
# City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (BEV 00 2 115)

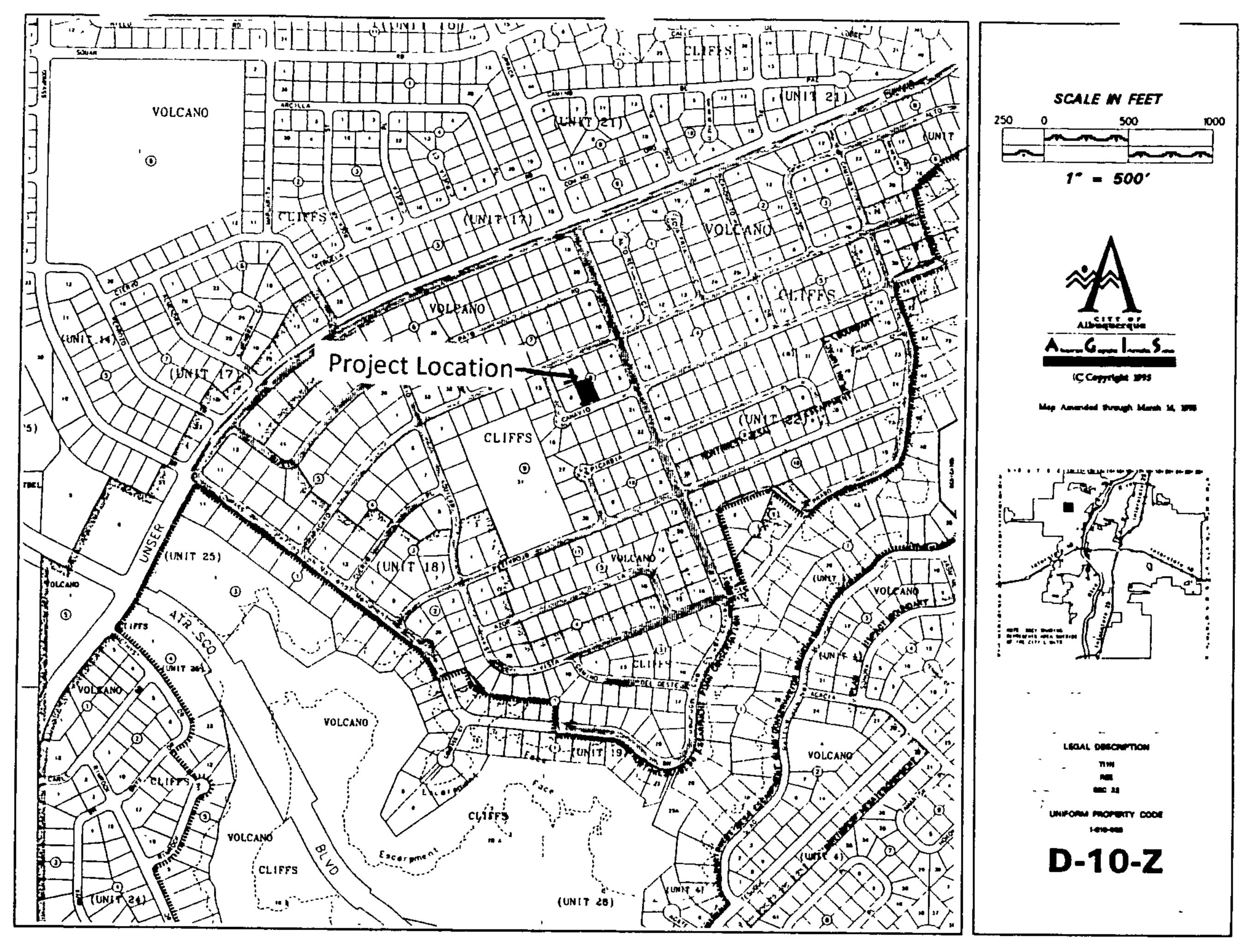
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Address: 1912 San Bregge 5+ Phone 505-440-4632 Fav	
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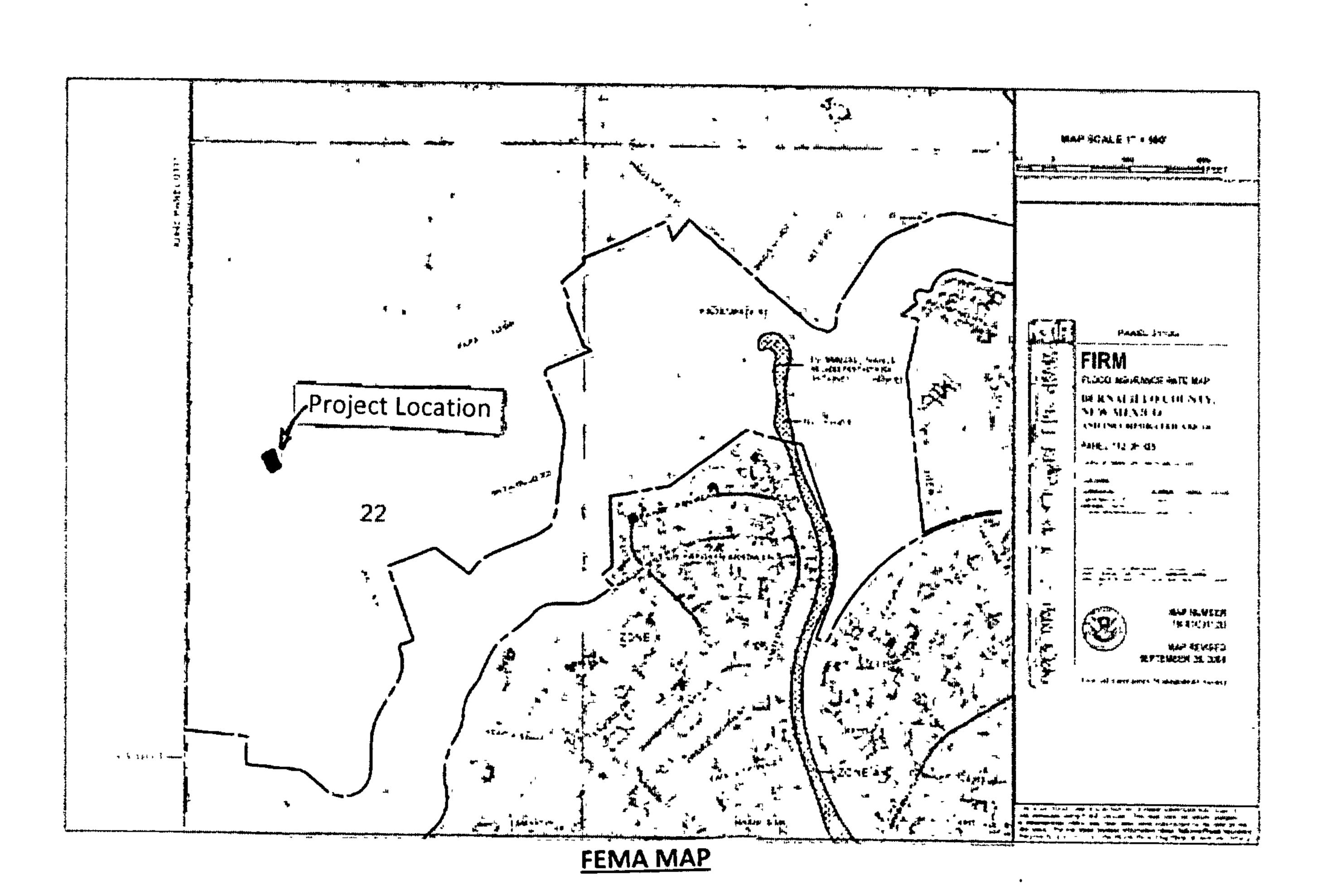


	DRAIN TO	<b>SAD 228</b>	TOTAL	Q100 CFS				
REAR LOT	<b>REAR OF</b>	DMP	PROP	/ ACRE	<b>SAD 228</b>		<b>AREA LOT</b>	LOT 7, BLOCK 8, UNIT
Q100 CFS	LOT SF	Q100 CFS	Q100 CFS	ZONE 1	<u>DMP %</u>	<u>%</u>	<u>SF</u>	<u> 18 VCS</u>
0.05	500	0.70	0.53	4.37	50	38%	5,250	TYPE D
0.28	4,300	0.37	0.48	2.87	40	53%	7,350	TYPE C
<u>0.03</u>	<u>700</u>	0.07	0.07	2.03	<u>10</u>	10%	<u>1,400</u>	TYPE B
0.37	5,500	1.14	1.08		100	100%	14000	
	500 4,300 <u>700</u>	0.70 0.37 <u>0.07</u>	0.53 0.48 <u>0.07</u>	4.37 2.87	50 40 <u>10</u>	38% 53% <u>10%</u>	5,250 7,350 <u>1,400</u>	TYPE D TYPE C

PREPARED BY STEVEN J. METRO, PE AND PS GRADING & DRAINAGE PLAN 6509 Canavio Pl, NW LOT 7, BLOCK 8, UNIT 18 VCS



VICINITY MAP



## **Narrative**

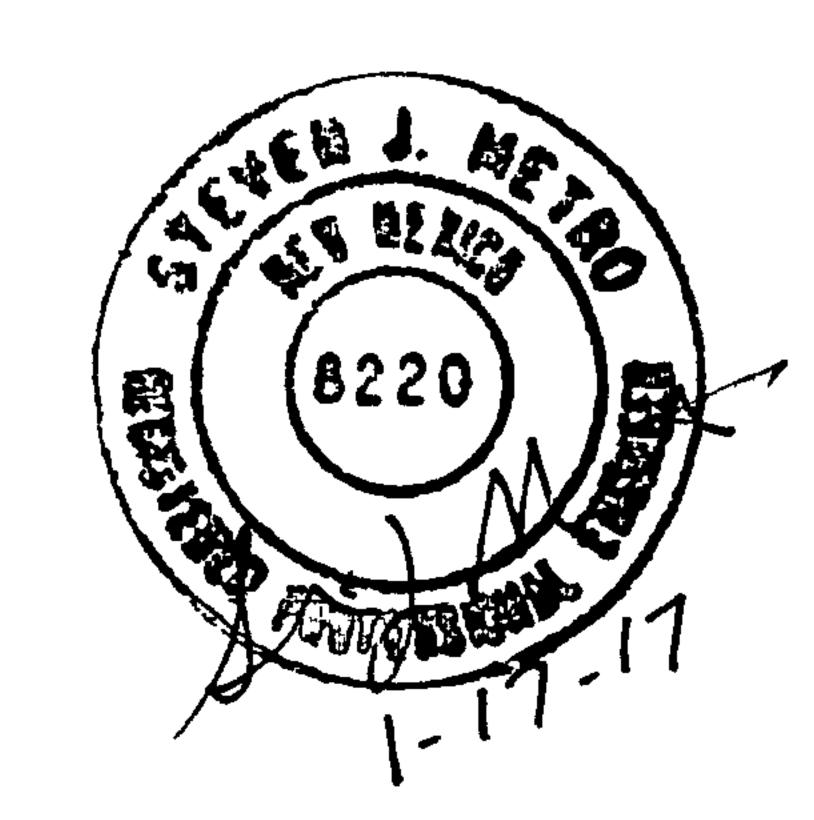
Grading and Drainage Plan for the construction of the building pad for Lot  $\frac{7}{2}$ , Block  $\frac{8}{2}$ , Unit  $\frac{18}{2}$ , Volcano Cliff S Subdivision, being a part of SAD 228.

Address: 6509 Canavio PL 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 manages is 0.44" less 0.10" initial impervious abstraction = 0.34" or  $\frac{100}{100}$  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.





4900 LANG AVE., N.E.
SUITE 200
ALBUQUERQUE, NEW MEXICO
87109
PH (505) 348-4000

FAX (505) 348-4072

www wilennen com

GRADING AND DRAINAGE PLAN

LOT 7, BLOCK & JUNIT 18, VCS

ADDRESS: 6509 Canavia PL NW

SHEET 1 OF 2

### Rael, Rudy E.

From:

Rael, Rudy E.

Sent:

Thursday, January 19, 2017 10:14 AM

To: Subject: 'Metro, Steven J. (Steven.Metro@wilsonco.com)'

6509 Canavio Pl NW

Mr. Metro,

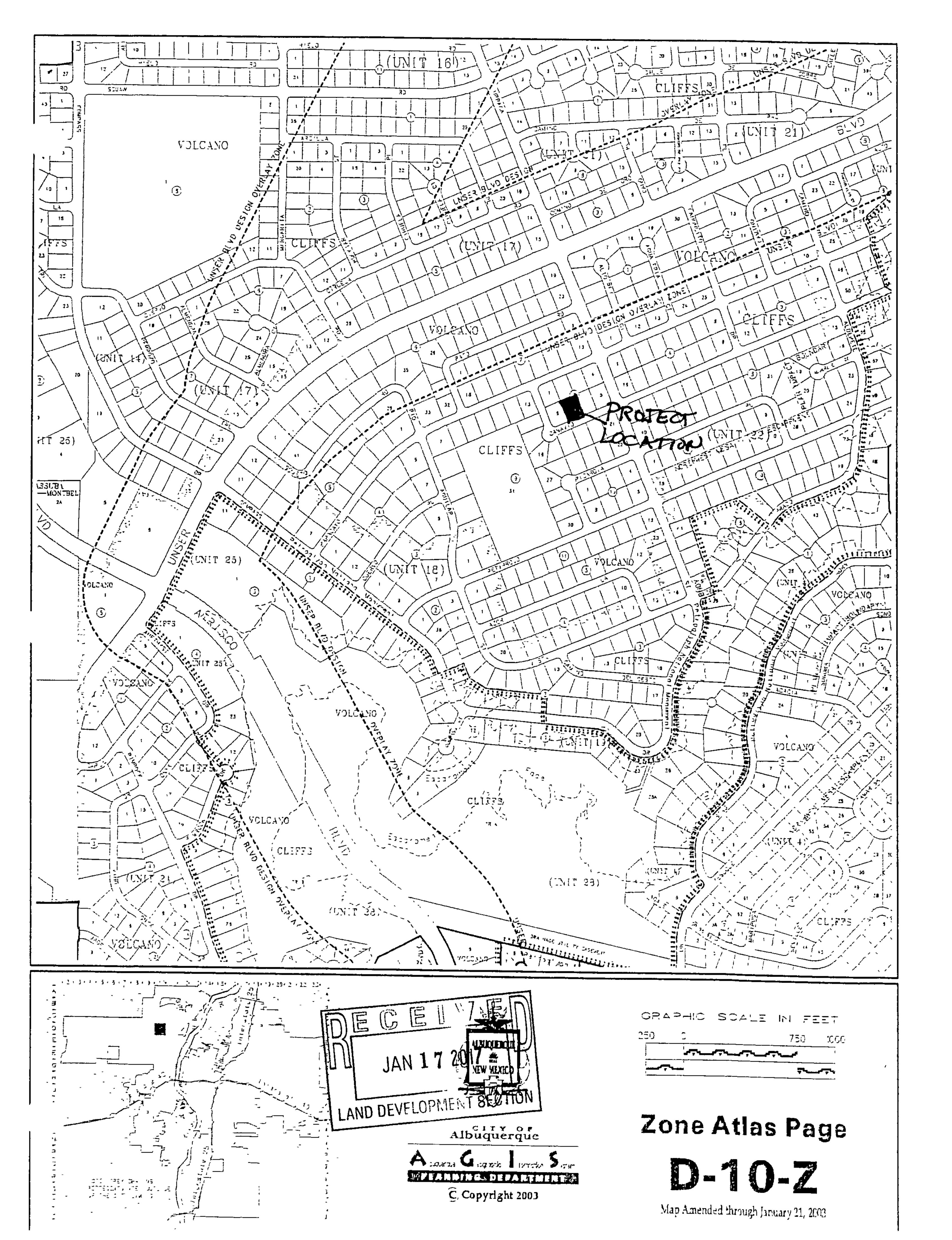
This email is being sent in lieu of an attached comment letter in order to expedite our comments. Response to comments should continue to be included in the resubmittal. A reply to these comments via email will not be considered a resubmittal.

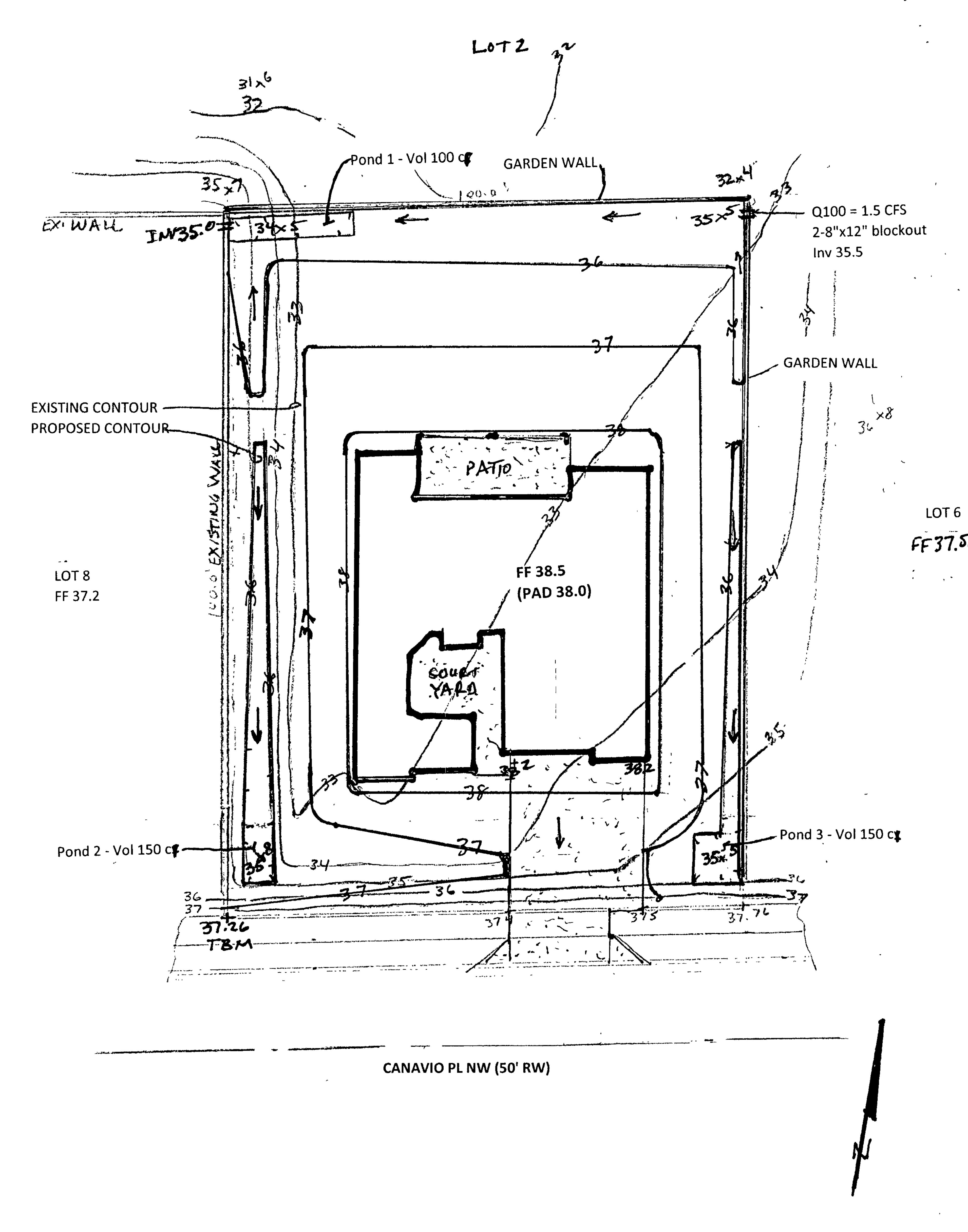
Based upon the information provided in your submittal received 1/17/17, the above referenced Grading and Drainage plan dated 1/17/17 cannot be approved for Grading Permit until the following comments are addressed:

- Provide a note stating that future garden walls require a separate permit and this plan should be used for their placement.
- Provide a statement that a pad certification is required before a building permit is given.

If you should have any questions feel free to contact me or Shahab Biazar at 924-3999.

Rudy E. Rael, CE, CFM
Engineer Assistant, Hydrology
Planning Department
600 2nd St. NW Suite 201
Albuquerque NM 87102
(505) 924-3977





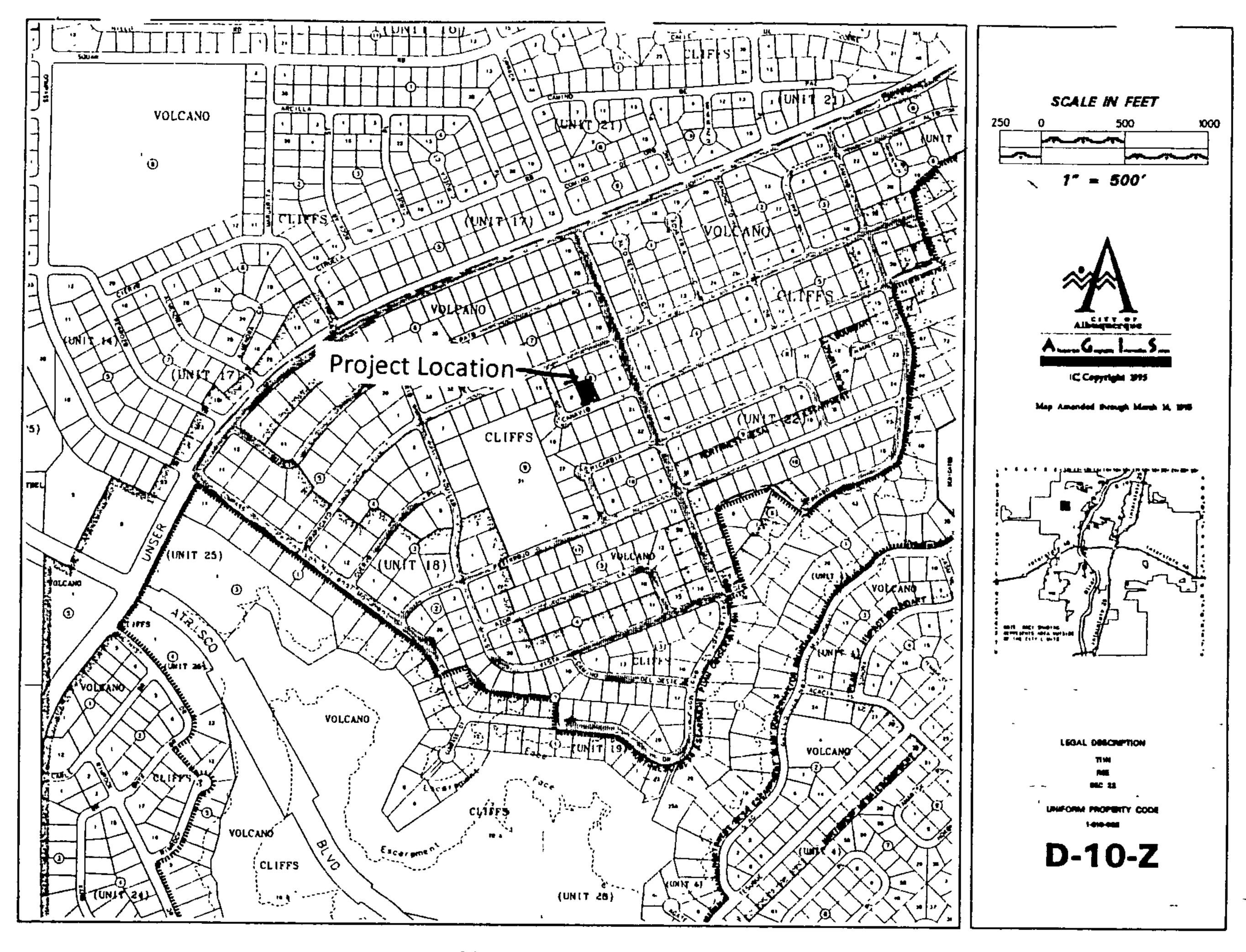
1"=20'



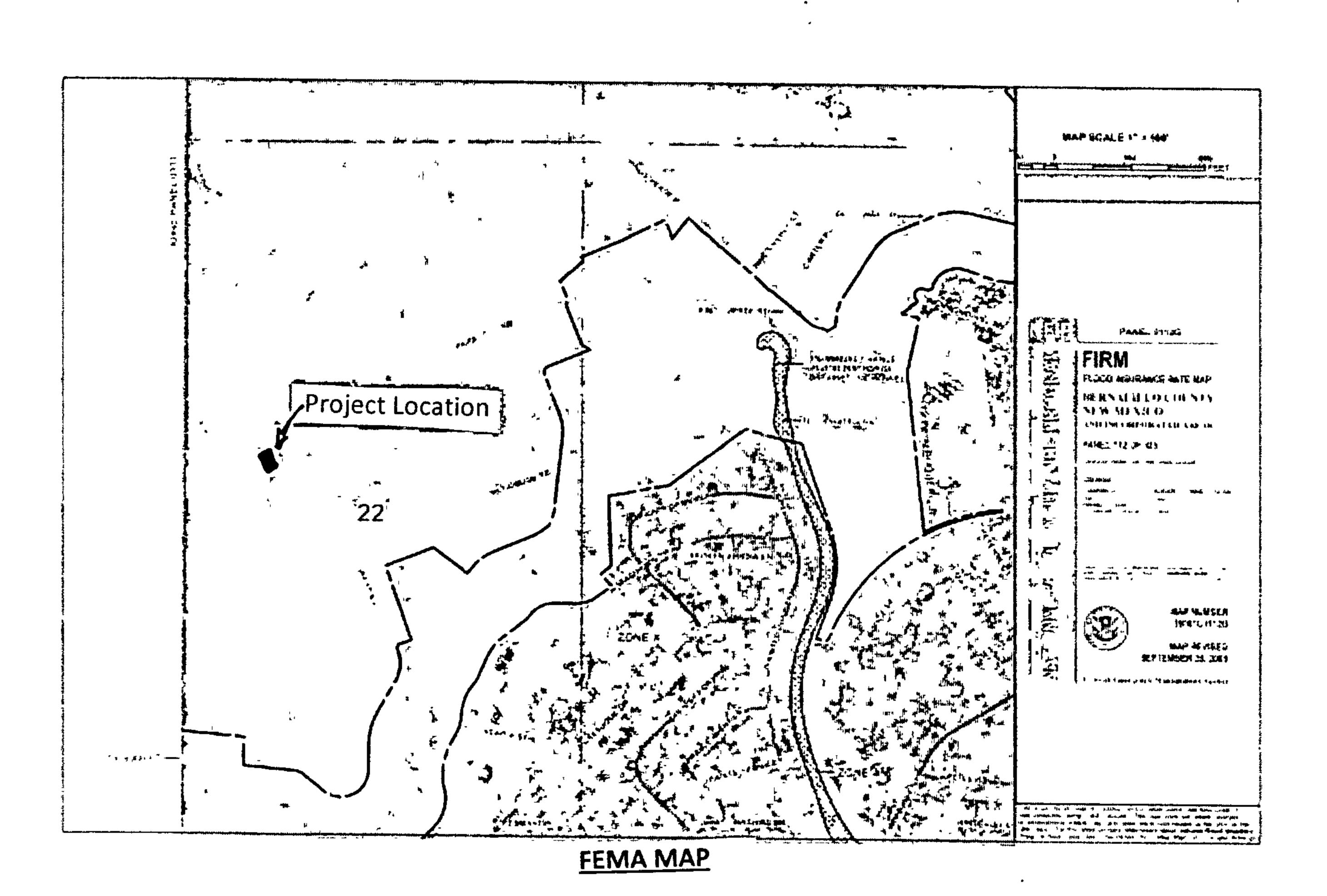


LOT 7, BLOCK 8, UNIT 18 VCS	AREA LOT  SF	<u>%</u>	SAD 228 DMP %	Q100 CFS  ACRE  ZONE 1	TOTAL PROP Q100 CFS	<u>SAD 228</u> <u>DMP</u> <u>Q100 CFS</u>	DRAIN TO REAR OF LOT SF	REAR LOT Q100 CFS
TYPE D	5,250	38%	50	4.37	0.53	0.70	500	0.05
ΓYPE C	7,350	53%	40	2.87	0.48	0.37	4,300	0.28
ГҮРЕ В	<u>1,400</u>	<u>10%</u>	<u>10</u>	2.03	0.07	0.07	<u>700</u>	<u>0.03</u>
	14000	100%	100		1.08	1.14	5,500	0.37

PREPARED BY STEVEN J. METRO, PE AND PS
GRADING & DRAINAGE PLAN
6509 Canavio PI, NW
LOT 7, BLOCK 8, UNIT 18 VCS



VICINITY MAP



#### **Narrative**

Grading and Drainage Plan for the construction of the building pad for Lot  $\underline{7}$ , Block  $\underline{8}$ , Unit  $\underline{18}$ , Volcano Cliff S Subdivision, being a part of SAD 228.

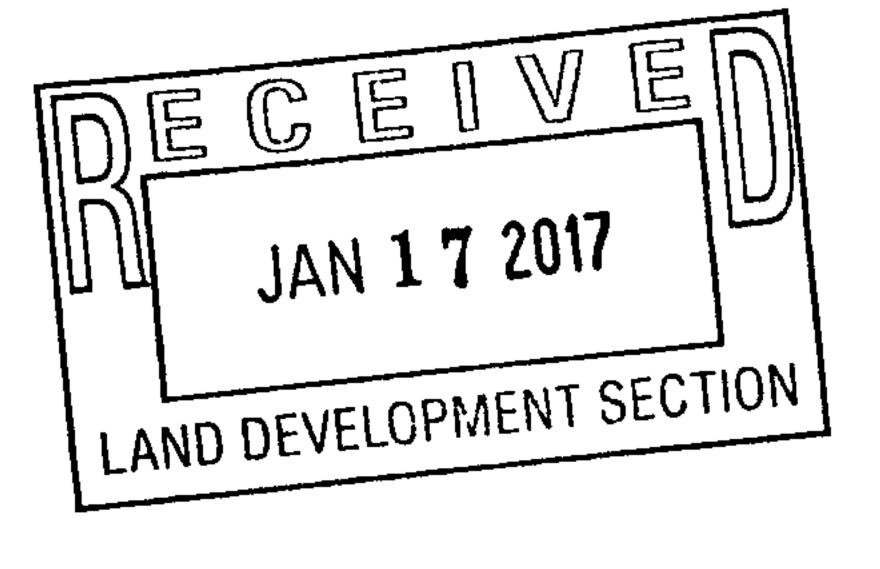
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SHEET 1 OF 2