CITY OF ALBUQUERQUE

Planning Department
Suzanne Lubar, Director



Mayor Richard J. Berry

December 16/2016/20/2

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

RE: Lot 5 Block 6 Unit 19 Volcano Cliffs SAD 228 7816 Urraca St NW Building Permit Pad Certification

Engineers Stamp Date 1/3/17 (D10D003F25)

Dear Mr. Metro,

Based upon the information provided in your submittal received 1/5/17, this plan with Pad Certification dated 1/3/17 approved to commence building.

Inform the owner/contractor that a separate wall permit is required.

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

be required.

New Mexico 87103

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

Sincerely,

www.cabq.gov

PO Box 1293

Albuquerque

Shahab Biazar, P.E.

City Engineer, Albuquerque

Planning Department

RR/SB C: File

LOT 5, BLOCK 6, UNIT 19 VOLCANO CLIFFS SUBDIVISION

7816 Urraca Street, NW Grading & Drainage Certification

By Steven J. Metro, PE and PS

January 3, 2017

DRAINAGE CERTIFICATION WITH VERIFICATION BY ENGINEER OF RECORD 1-3-2017 DRAINAGE CERTIFICATION

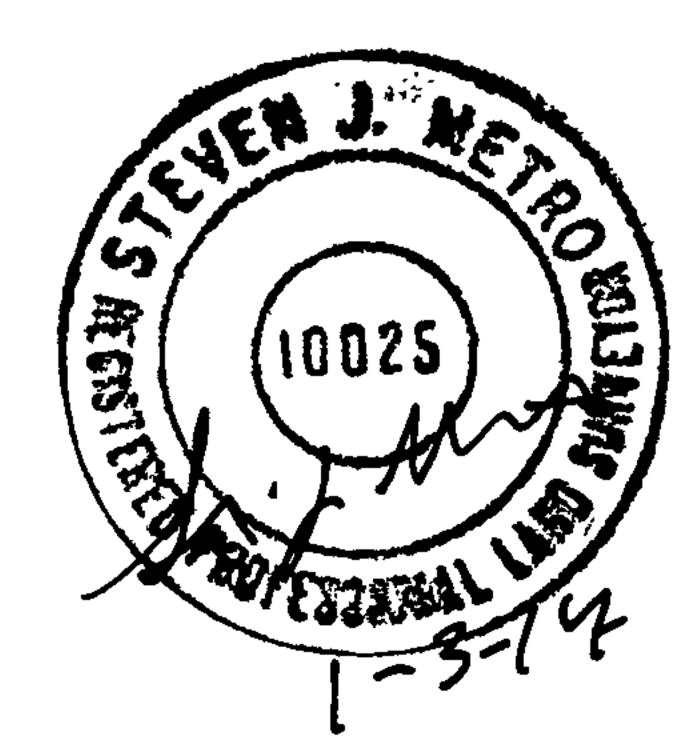
I, Steven J. Metro, NMPE 8220, OF THE FIRM Metro Development, Inc., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 11-22-2016. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT 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 Building Permit for 7816 Urraca Street, NW.

THIS CERTIFICATION IS FOR THE PAD ELEVATION AND COMPACTION.

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







FIELD DENSITY TESTS TROXLER 3400 SERIES MOISTURE-DENSITY GAUGE

JOB NO:	DATE:		1/3/201	<u> </u>		
PROJECT: SA	TESTE	D BY:	V	/JL		
CLIENT:			METER NO:63469			69
CONTRACTOR: _	SHEET					
TEST NUMBER	1	2				REMARKS
% COMPACTION REQUIRED	95.0	95.0				Proctor = 125.4/9.0
% MOISTURE REQUIRED	9.0	9.0				
DENSITY COUNT	658	659	-			
MOISTURE COUNT	102	114				
MOISTURE	7.8	8.9				
% MOISTURE	6.4	7.4				
WET DENSITY	129.7	129.5	•			
DRY DENSITY	121.8	120.9			,	
% DRY DENSITY	97.2	96.4				
% VOIDS						
% ASPHALT DENSITY						
LOCATION/ELEVATION	7816 Urioca St NW	7816 Urioca St NW				



City of Albuquerque

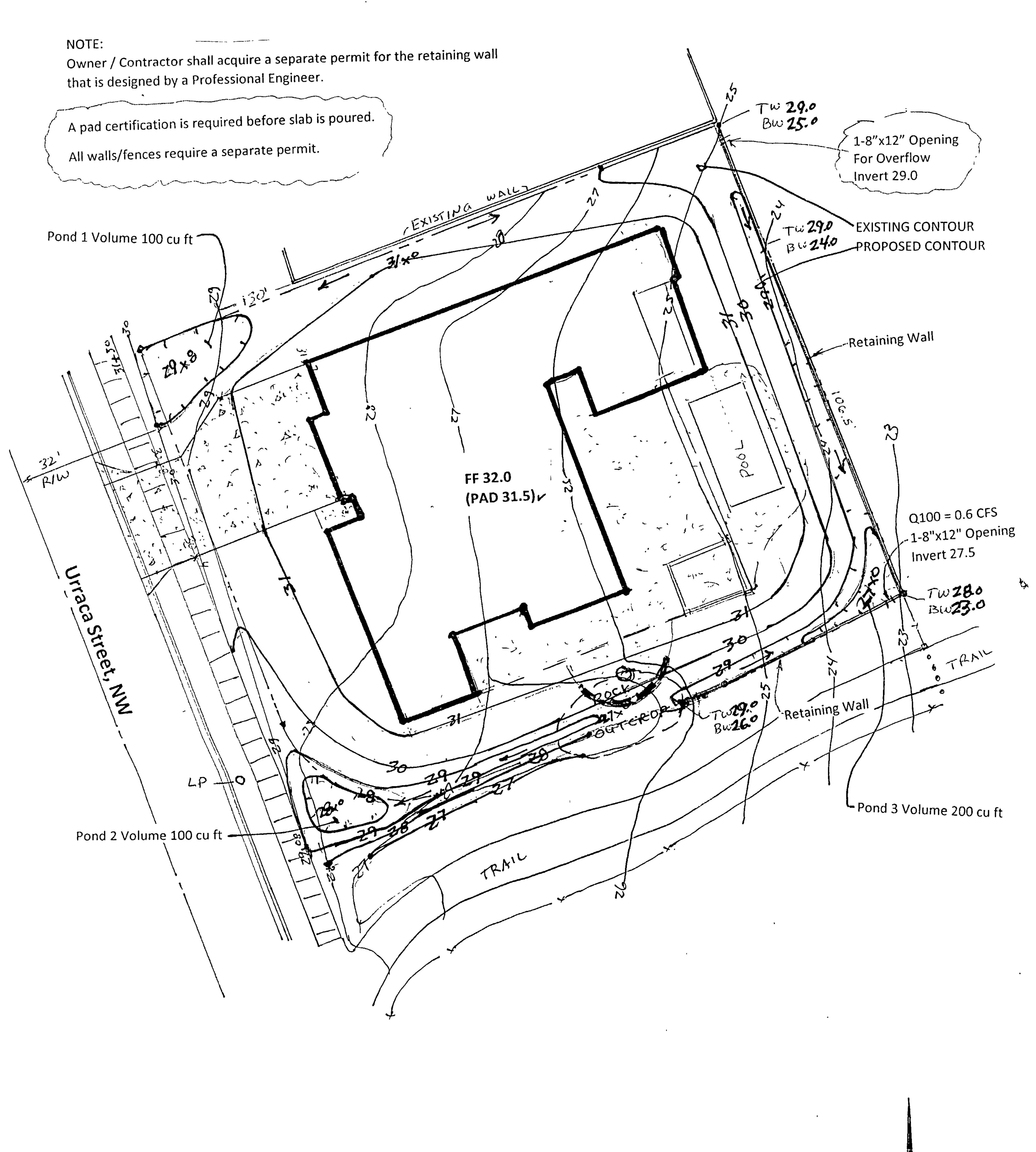
Planning Department

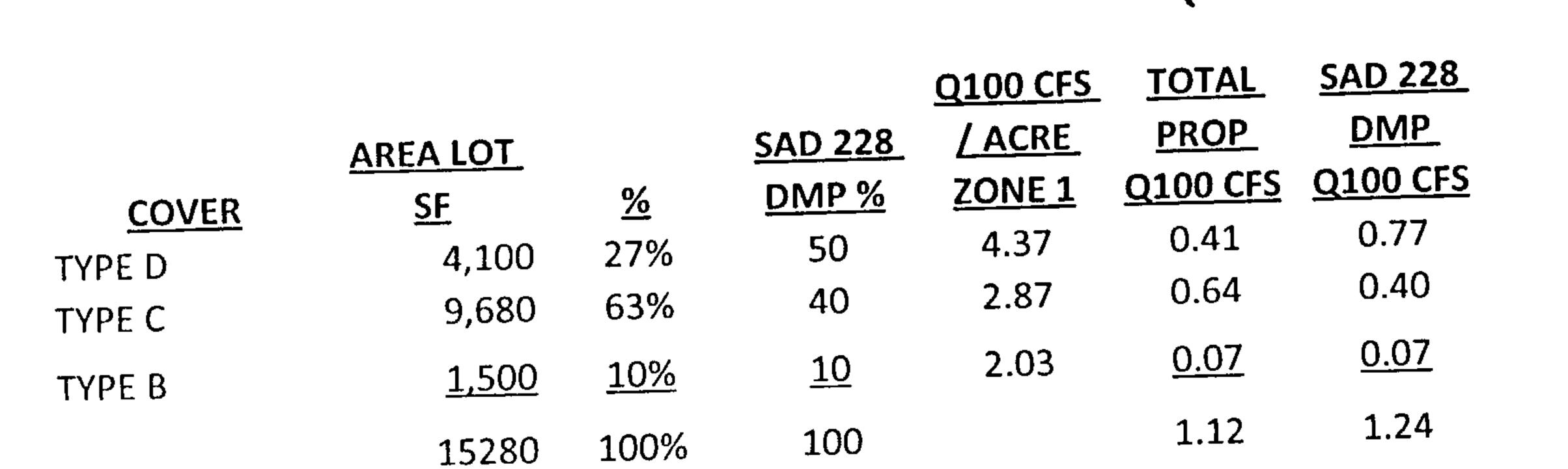
Development & Building Services Division

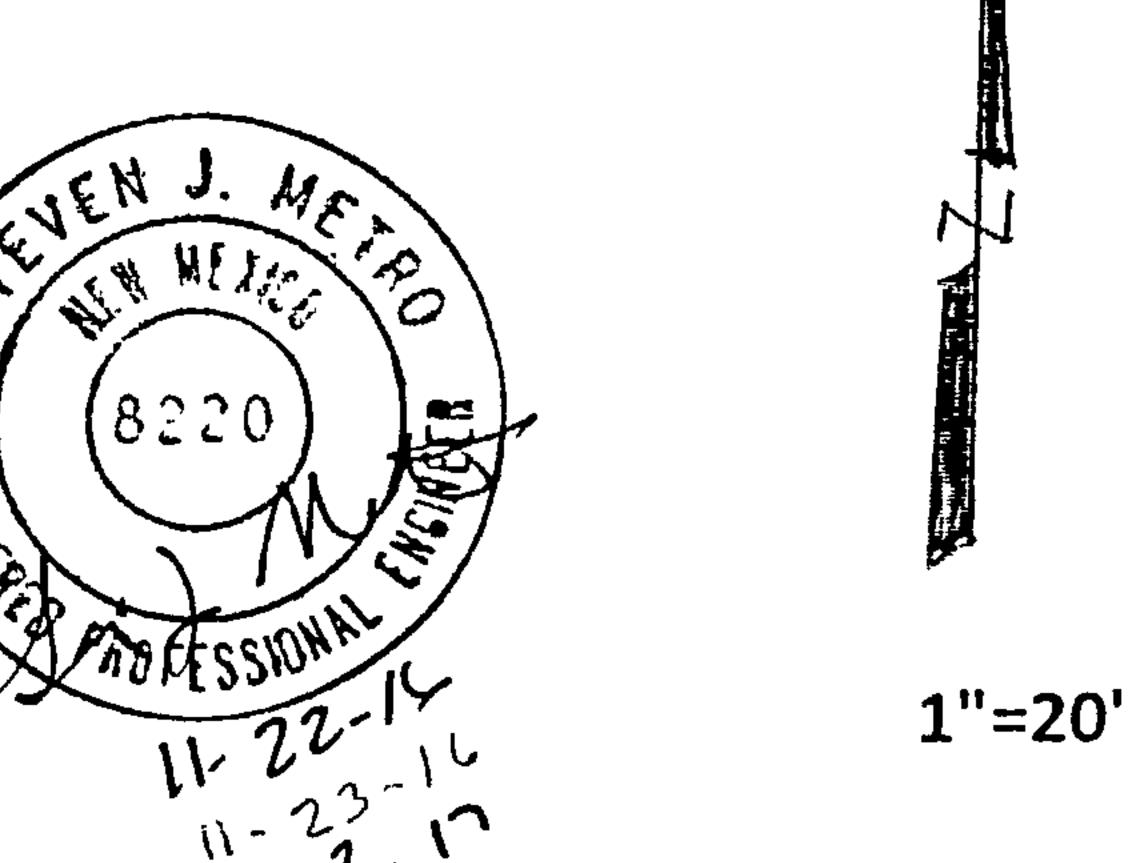
DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09 2015)

Project Title: 7814 Urraca SL. NW GJBPAN	
DRB= EPC= Legal Description: Lot 5, Block 6, Unit 19 Vok City Address: 7816 Urraca 5h NW	Work Order=:
Engineering Firm:	Contact. Stere Metw
Phone# 565 - 280 - 4553 Fav# 565 348 - 4	E-mail steve Metro e witsures.
Owner: Derck Jarchen Address.	Contact [*]
Phone# 505-977-5282 Fav#	E-mail. dereklexus 78e yohw.co
Architect: Eric Spurlick Address	Contact
Phone# 505 - 503 - 0345 Fav#	E-mail:
Other Contact: Address	Contact.
Phone# Fax#	E-mail.
DEPARTMENT:	CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT: BUILDING PERMIT APPROVAL CERTIFICATE OF OCCUPANCY
TYPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATION	PRELIMINARY -PLAT APPROVAL SITE PLAN FOR SUB'D APPROVAL
CONCEPTUAL G & D PLAN JRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT CLOMR/LOMR	SITE PLAN FOR BLDG PERMIT APPROVAL FINAL PLAT APPROVAL SIA/ RELEASE OF FINANCIAL GUARANTEE FOUNDATION PERMIT APPROVAL GRADING PERMIT APPROVAL SO-19 APPROVAL
TRAFFIC CIRCULATION LAYOUT (TCL) TRAFFIC IMPACT STUDY (TIS) EROSION & SEDIMENT CONTROL PLAN (ESC)	PAVING PERMIT APPROVAL STATEMENT OF THE
OTHER (SPECIFY)	PRE-DESIGN MEETING OTHER (SPECIFY)
IS THIS A RESUBMITTAL? Yes No	
DATE SUBMITTED. 1-5-17 ByB	e J Moto

COA STAFF ELECTRONIC SUBMITTAL RECEIVED ____





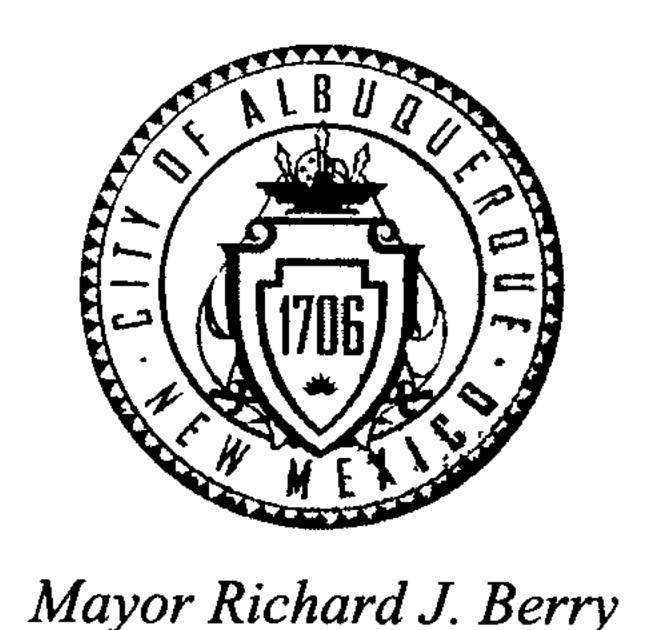


PAO CERTIFICATION PREPARED BY STEVEN J. METRO, PE AND PS WILSON & COMPANY

GRADING & DRAINAGE PLAN
7816Urraca Street, NW
LOT 5, BLOCK 6, UNIT 19 VCS
Sheet 2 of 2

CITY OF ALBUQUERQUE

Planning Department
Suzanne Lubar, Director



December 5, 2016

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

RE: Volcano Cliffs Subdivision Lot 5 Block 6 Unit 19 7816 Urraca St NW Grading and Drainage Plan Engineers Stamp Date 11/23/16 (D10D003F25)

Dear Mr. Metro,

Based upon the information provided in your submittal received 12/1/16, this plan is approved for Grading Permit and Building Permit.

PO Box 1293

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 11/23/16 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

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,

Abiel Carrillo, P.E.

Principal Engineer, Hydrology

Planning Department

RR/AC C: File



City of Albuquerque

Planning Department

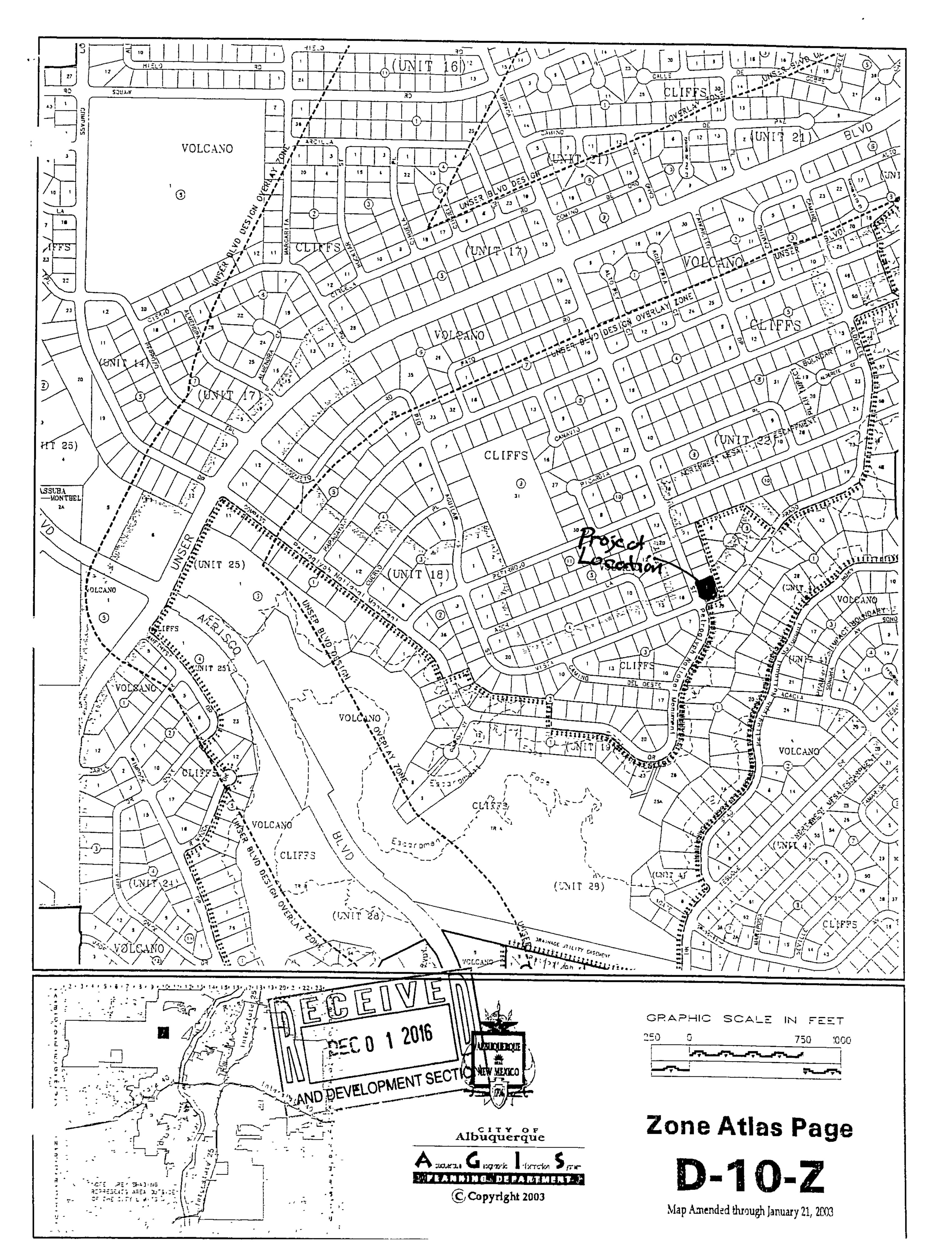
Development & Building Services Division

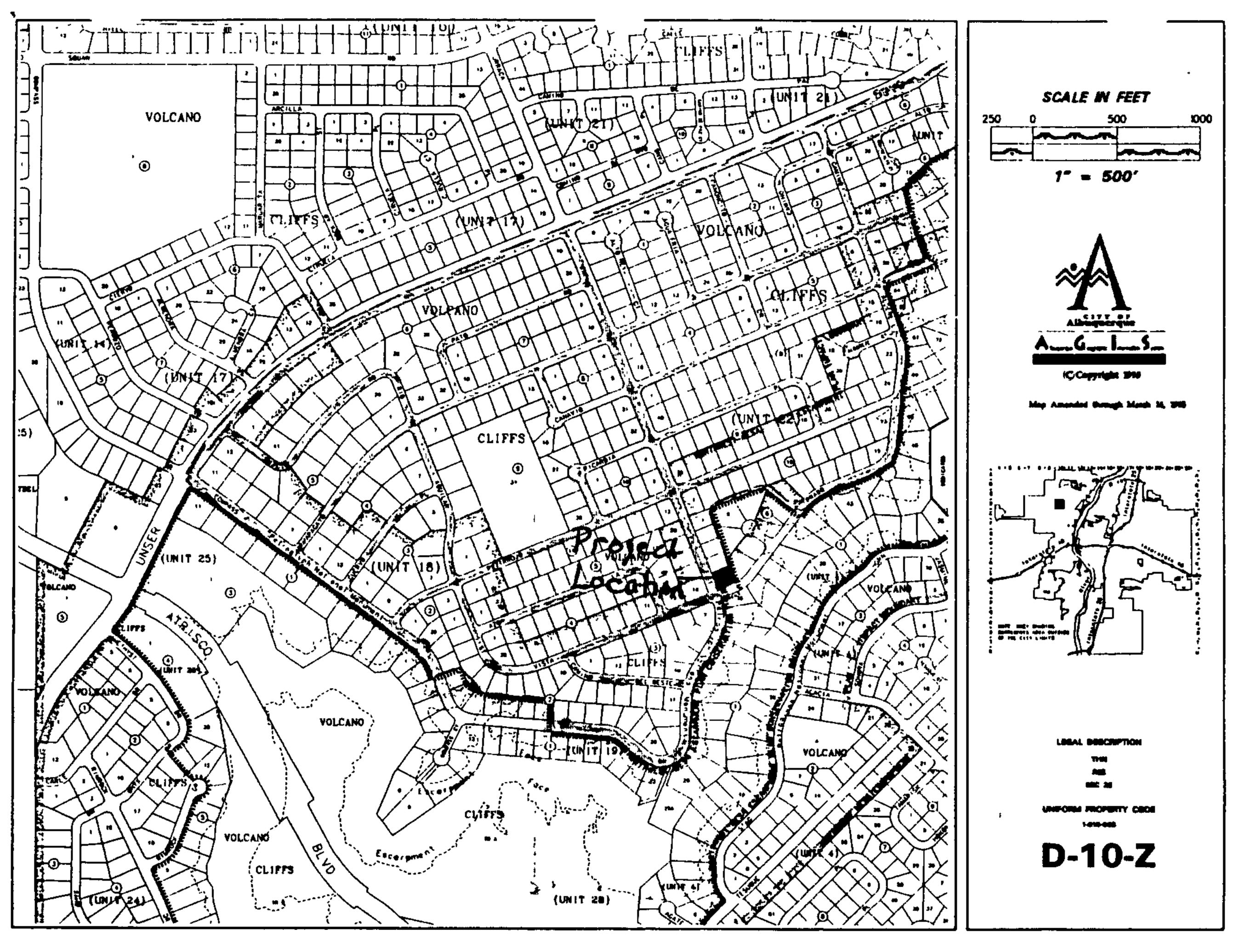
DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09 2015)

Legal Description Lot 5, Block G, Unit 19 Volc City Address. 7816 Urraca 51, NW	
Address. 4900 hand Ave NE Phone# 505 - 280-4553 Fav# 505'348-40	Contact Sterk Metro
Phone# 505 - 280 - 4553 Fav# 505 348-40	E-mail steve , Metro e witsure
ddress: Decek Jarchen	Contact:
none# 505-977-5282 Fav#	E-mail: dereklerus 78e yohw.
rehiteet: Eric Spurlick. ddress:	Contact: ·
hone# 505 - 503 - 0345 Fav#	E-mail.
ther Contact:	Contact.
hone# Fav#	E-mail:
EPARTMENT: HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL YPE OF SUBMITTAL:	CHECK TYPE OF APPROVAL/ACCEPTANCE SOLGHT:
EPARTMENT: X HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL YPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT.(FCL) TRAFFIC IMPACT STUDY (TIS)	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
ENGINEER/ ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN	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

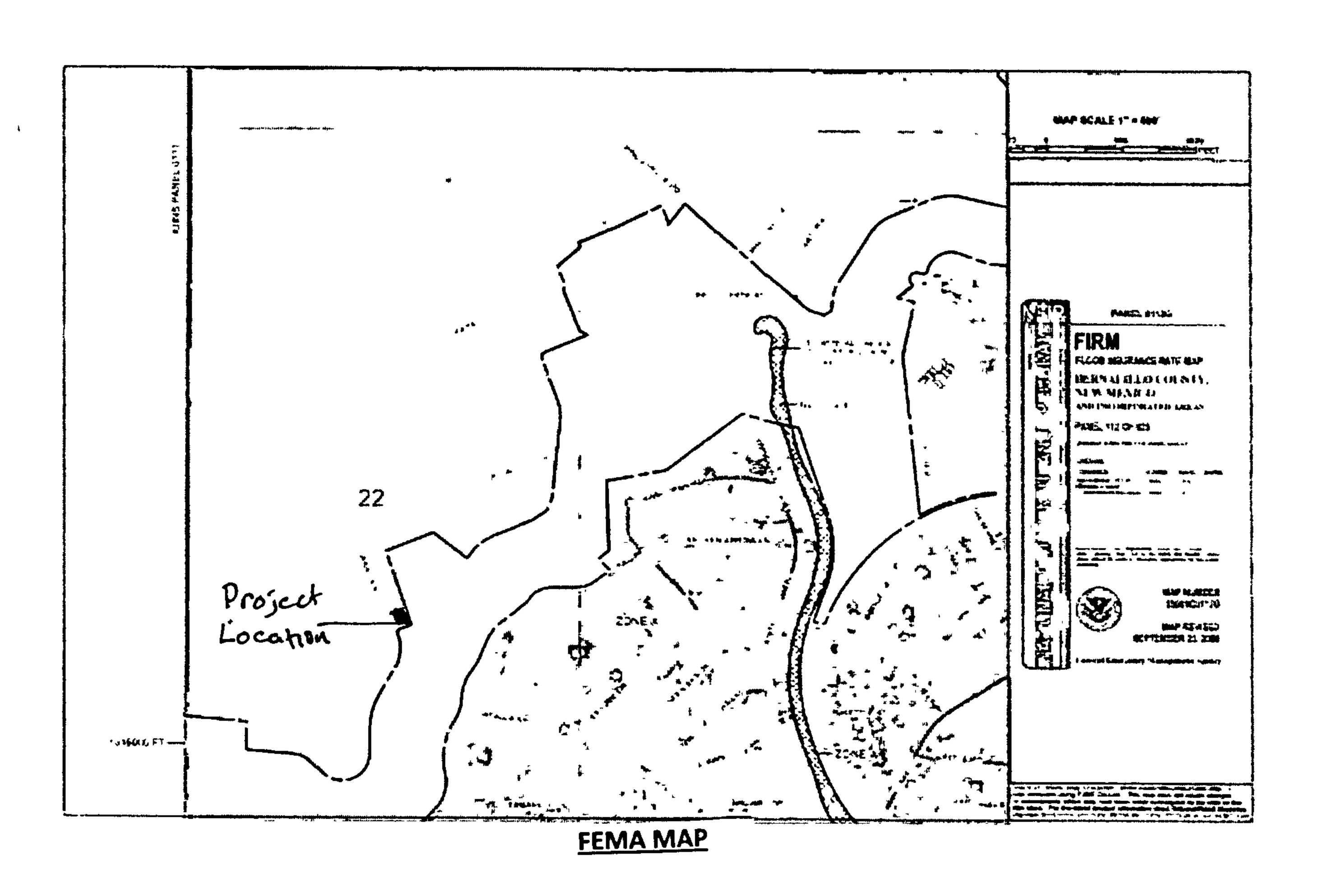
COA STAFF

ELECTRONIC SUBMITTAL RECEIVED ____





VICINITY MAP



Narrative

Grading and Drainage Plan for the construction of the building pad for Lot 5, Block 6, Unit 19, Volcano Cliff S Subdivision, being a part of SAD 228.

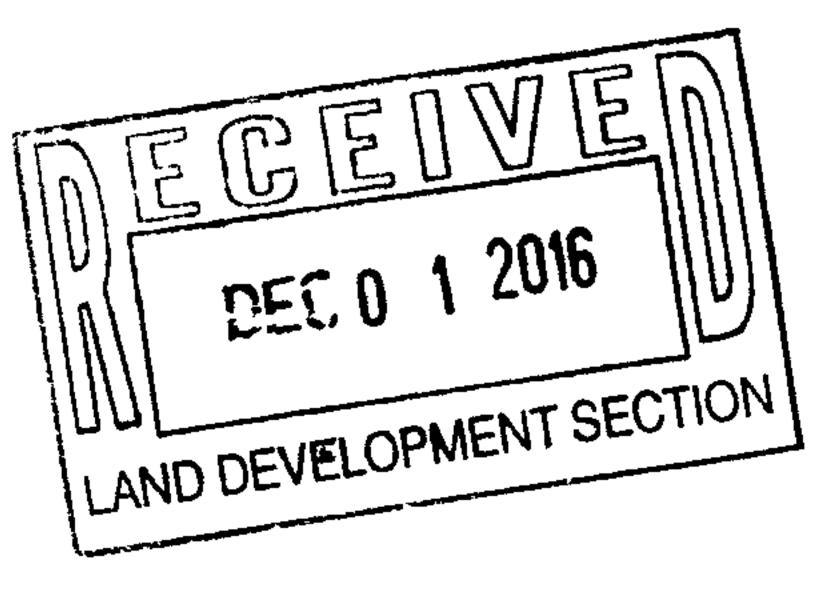
Address: 7816 Urraca Street, NW

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 400 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.







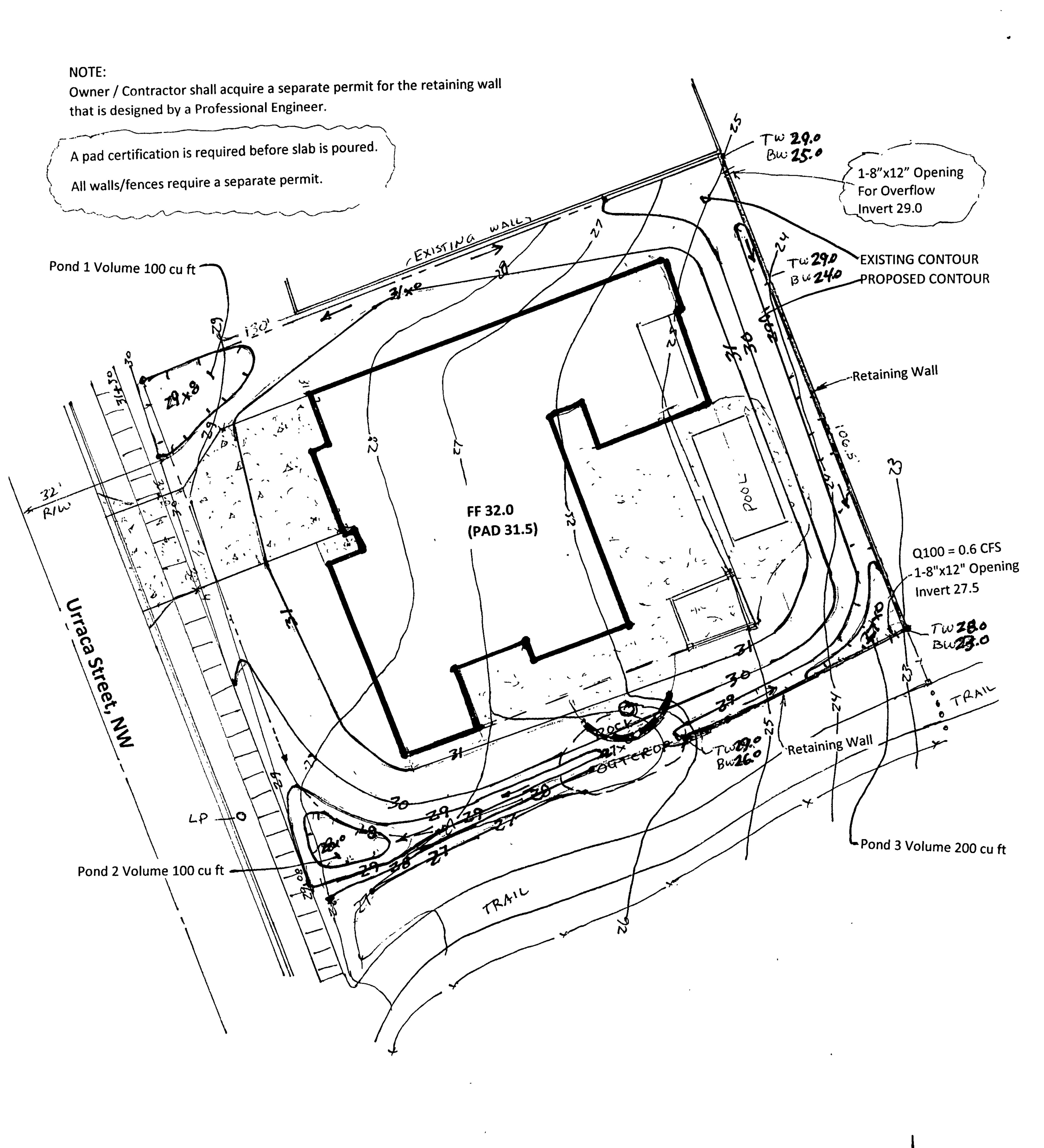
4900 LANG AVE., N.E.
ALBUQUERQUE, NEW MEXICO
87109

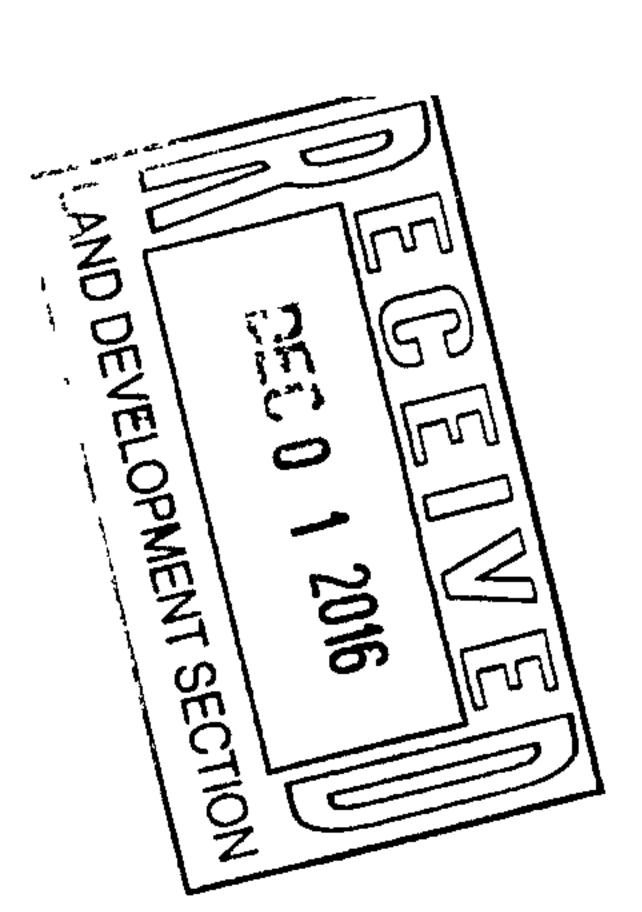
PH (505) 348-4000 FAX (505) 348-4072 www.wilsonco.com GRADING AND DRAINAGE PLAN

LOT 5, BLOCK 6, UNIT 19, VCS

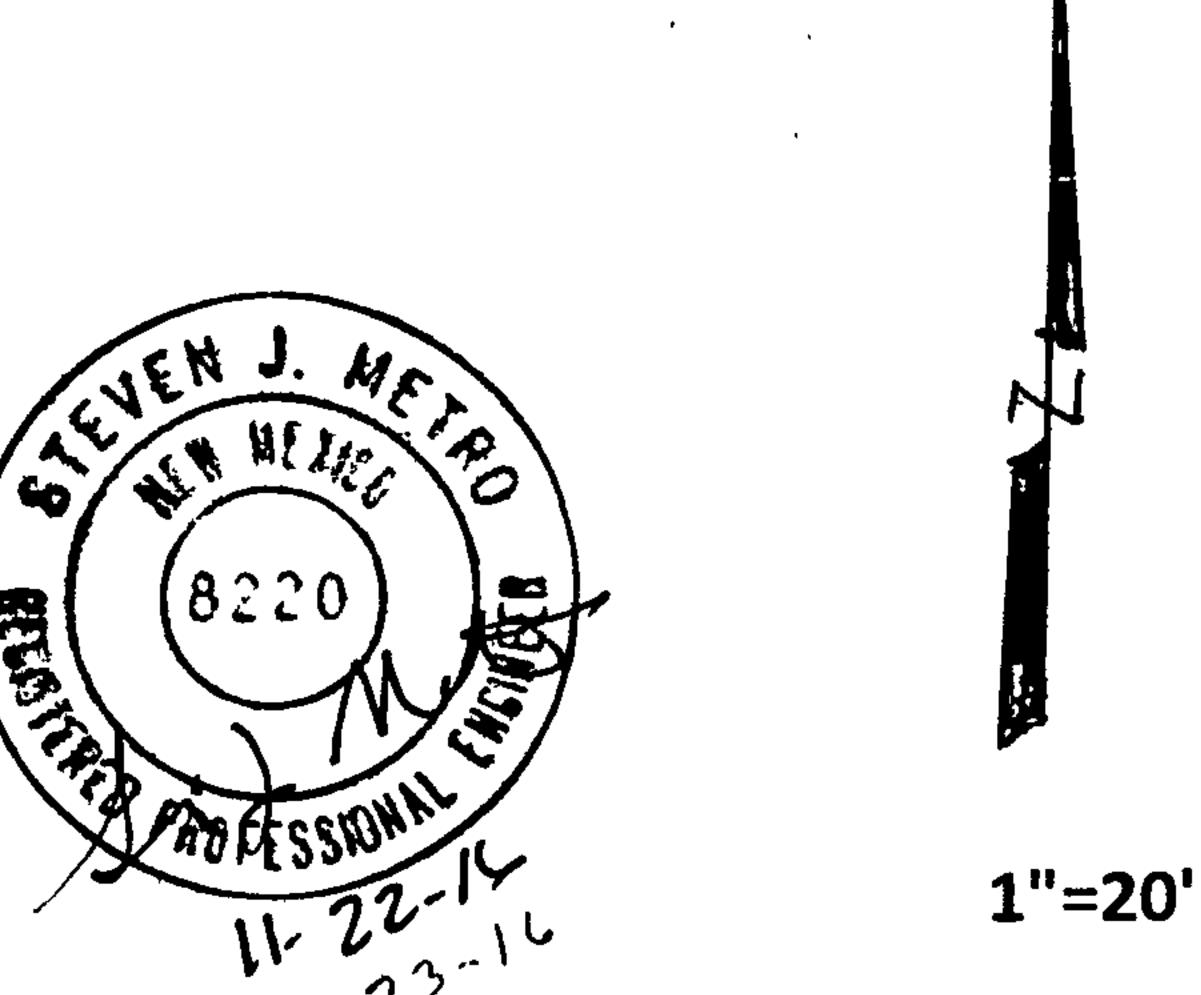
ADDRESS: 7816 Ucraca Street, NW

SHEET 1 OF 2





				Q100 CFS	TOTAL	SAD 228
	AREA LOT		SAD 228	/ ACRE	<u>PROP</u>	<u>DMP</u>
COVED	SF	<u>%</u>	DMP %	ZONE 1	Q100 CFS	Q100 CFS
COVER	<u>5.</u> 4,100	27%	50	4.37	0.41	0.77
TYPE D	9,680	63%	40	2.87	0.64	0.40
TYPE C	•			2.03	0.07	0.07
TYPE B	<u>1,500</u>	<u>10%</u>	<u>10</u>	2.03	<u>0.07</u>	<u> </u>
	15280	100%	100		1.12	1.24



PREPARED BY STEVEN J. METRO, PE AND PS WILSON & COMPANY

GRADING & DRAINAGE PLAN
7816Urraça Street, NW
LOT 5, BLOCK 6, UNIT 19 VCS
Sheet 2 of 2

Rael, Rudy E.

From:

Rael, Rudy E.

Sent:

Tuesday, November 22, 2016 4:42 PM

To:

'Metro, Steven J. (Steven.Metro@wilsonco.com)'

Subject: 7816 Urraca St. NW

Mr. Metro,

This email is being sent in lieu of an attached comment letter in order to expedite our response to previous 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 11/22/16, the above referenced Grading and Drainage plan dated 11/22/16

cannot be approved for Grading Permit or Building Permit until the following comments are addressed:

- Provide an opening in the NE corner of the wall if a block wall is to be built.
- Provide a note stating that all walls/fences require a separate permit.
- Provide a note stating that a pad certification is required before slab is poured.

If you should have any questions feel free to contact me or Abiel Carrillo at 924-3986.

Rudy E. Rael, CE, CFM

Engineer Associate, Hydrology Planning Department 600 2nd St. NW Suite 201 Albuquerque NM 87102 (505) 924-3977



City of Albuquerque

Planning Department

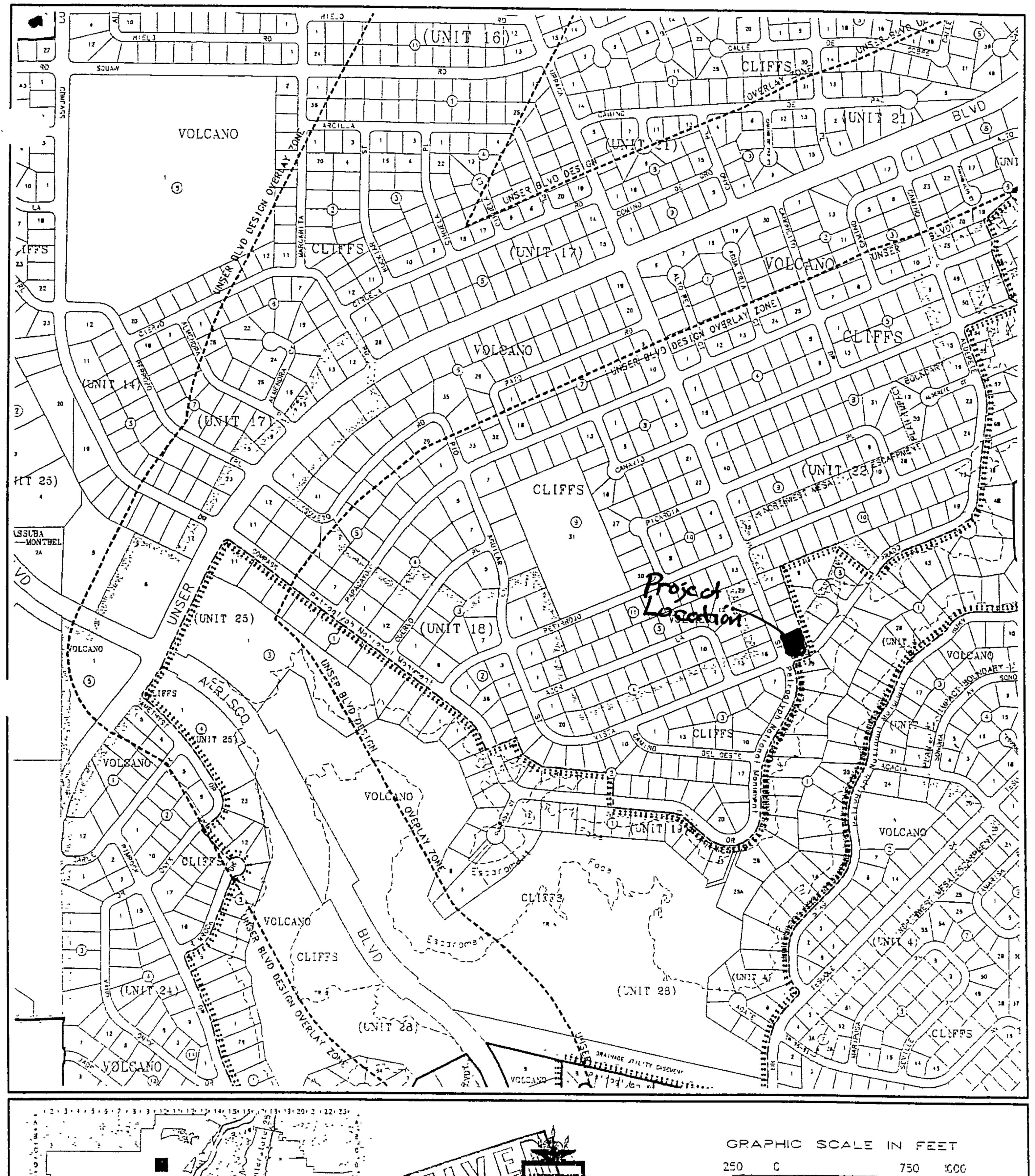
Development & Building Services Division

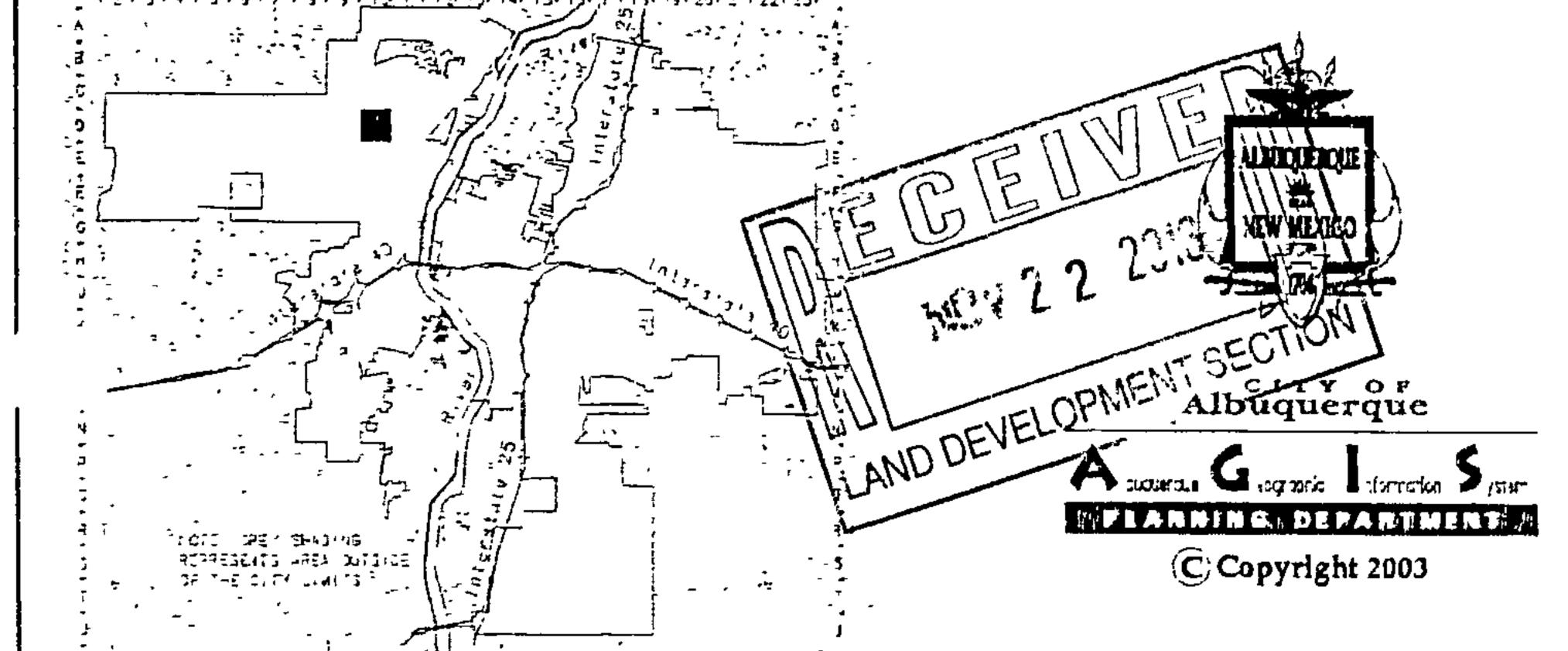
DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09 2015)

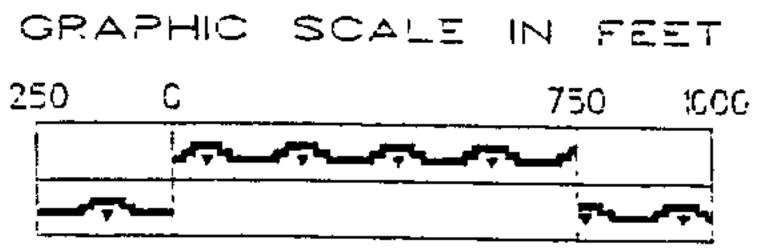
Project Title: 7814 Urraca SL. NW GJAPIAN DRB=	Building Permit # City Dramage #: DIDCOS{
Legal Description. Lot 5, Block 6, Unit 19 Volce City Address 7816 Urraca 51, NW	
Engineering Firm: Wilse + Conyony Address: 4900 have Ave Me	Contact Sterk Metro
Address: 4900 Lang Ave NE Phone 505 - 280 - 4553 Fax 505'348-40	E-mail steve Metro e witsunco.c
Owner: Derck Janchen Address.	Contact ²
Phone# 505-977-5282 Fav#	E-mail. derekjerus 78e yoh w. Cr
Architect: Eric Spurlick Address	Contact
Phone# 505 - 503 - 0345 Fav#	E-mail.
Other Contact: Address	Contact.
Phone#:	E-mail
	CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT: BUILDING PERMIT APPROVAL CERTIFICATE OF OCCUPANCY
FROSION & SEDIMENT CONTROL PLANTESCA	PAVING PERMIT APPROVAL GRADING/ PAD CERTIFICATION WORK ORDER APPROVAL CLOMR/LOMR
•	PRE-DESIGN MEETING OTHER (SPECIFY)
IS THIS A RESUBMITTAL? Yes No	
DATE SUBMITTED 11-22-16 By:	1 Moto

ELECTRONIC SUBMITTAL RECEIVED

COA STAFF



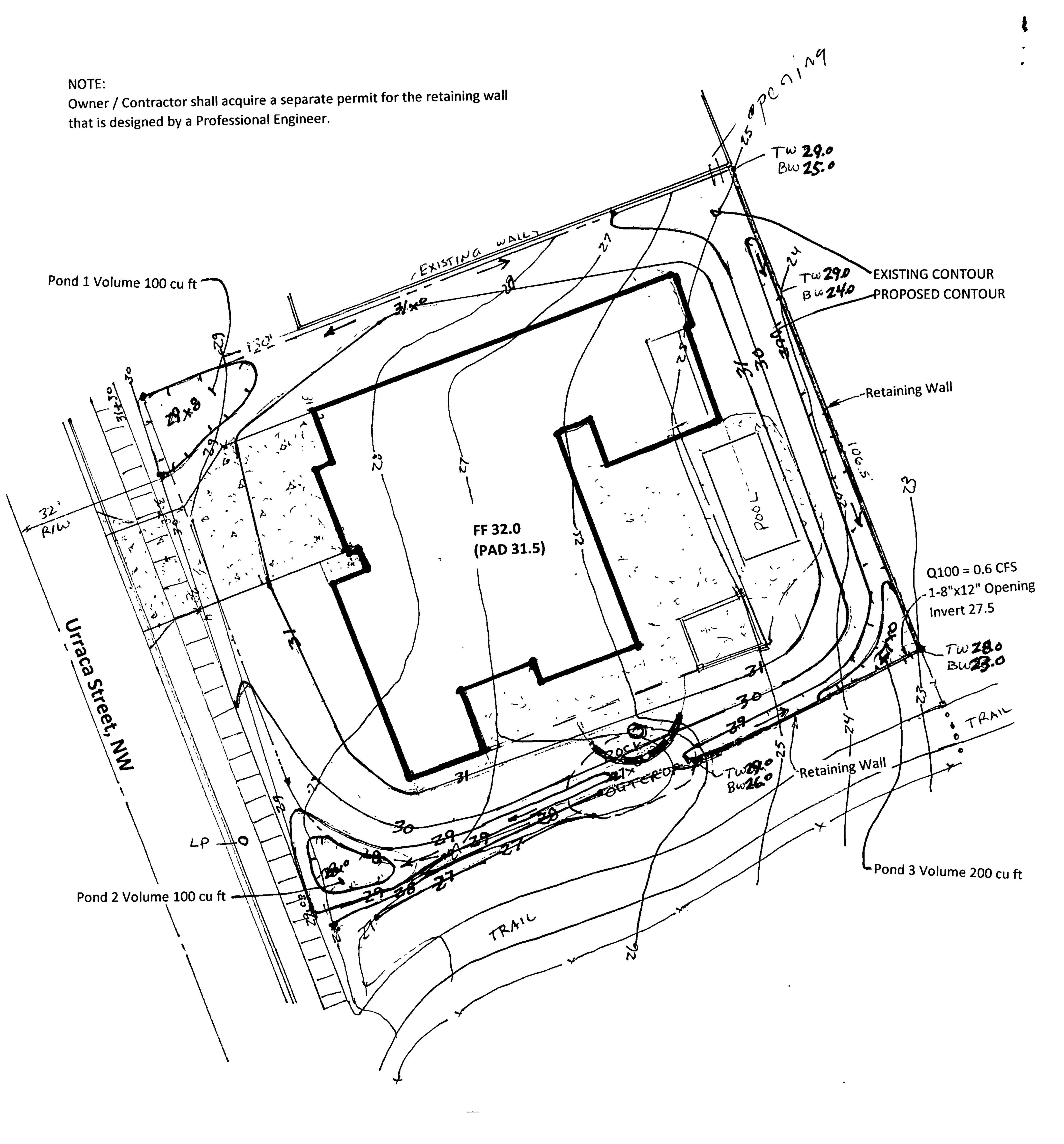




Zone Atlas Page

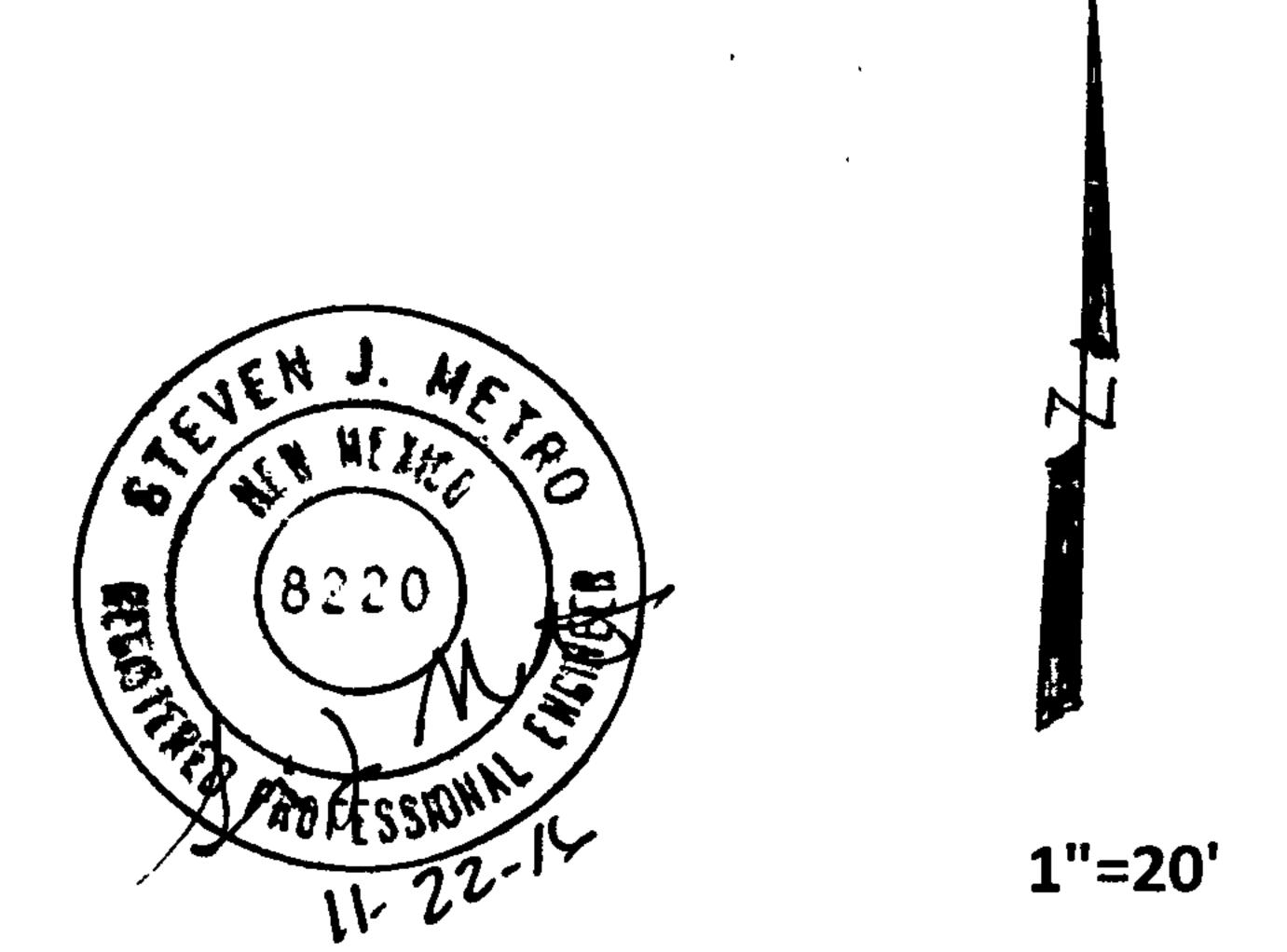
D-10-Z

Map Amended through January 21, 2003



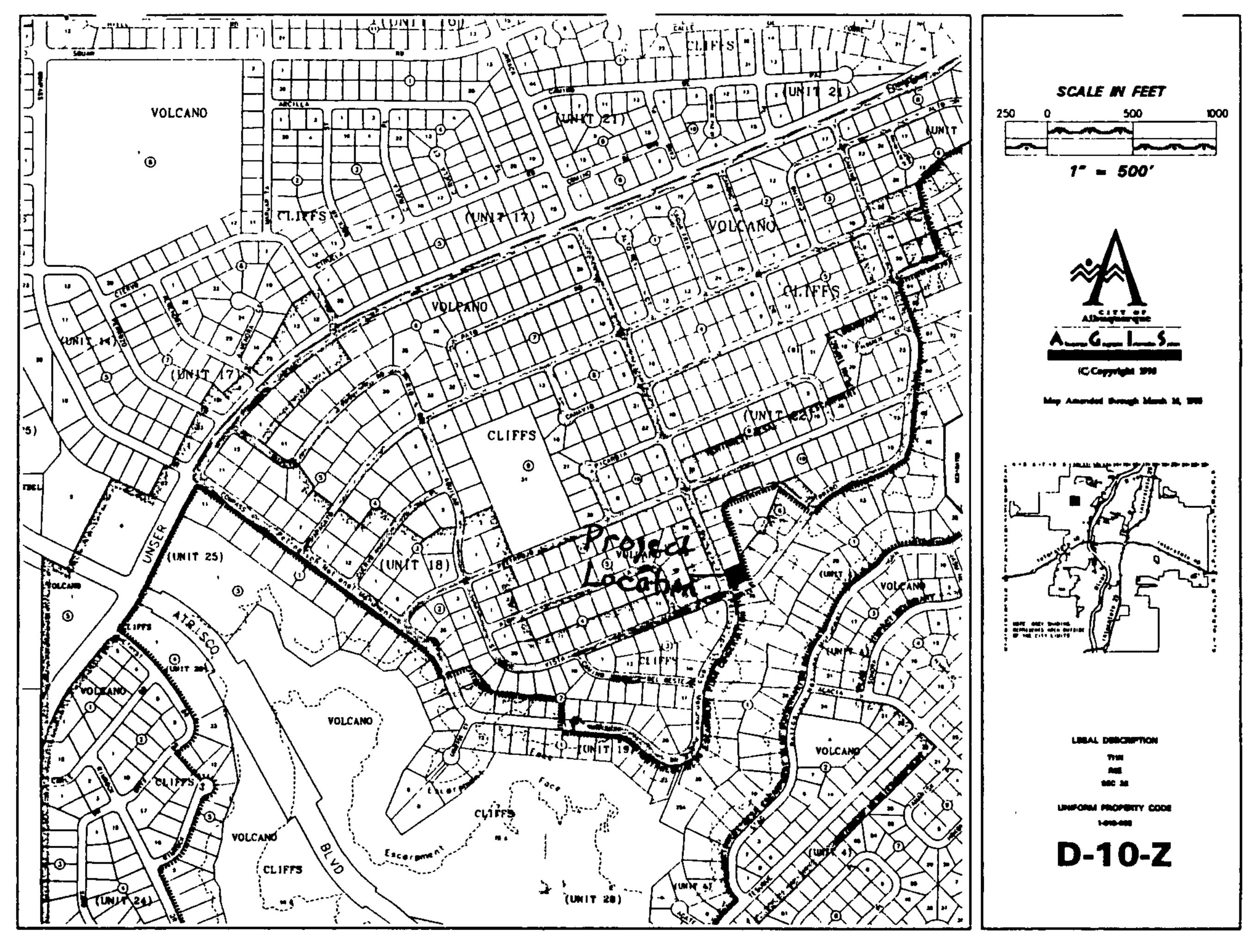


•				Q100 CFS	TOTAL	SAD 228
	AREA LOT		SAD 228	/ ACRE	<u>PROP</u>	DMP
COVED	SF	<u>%</u>	DMP %	ZONE 1	Q100 CFS	Q100 CFS
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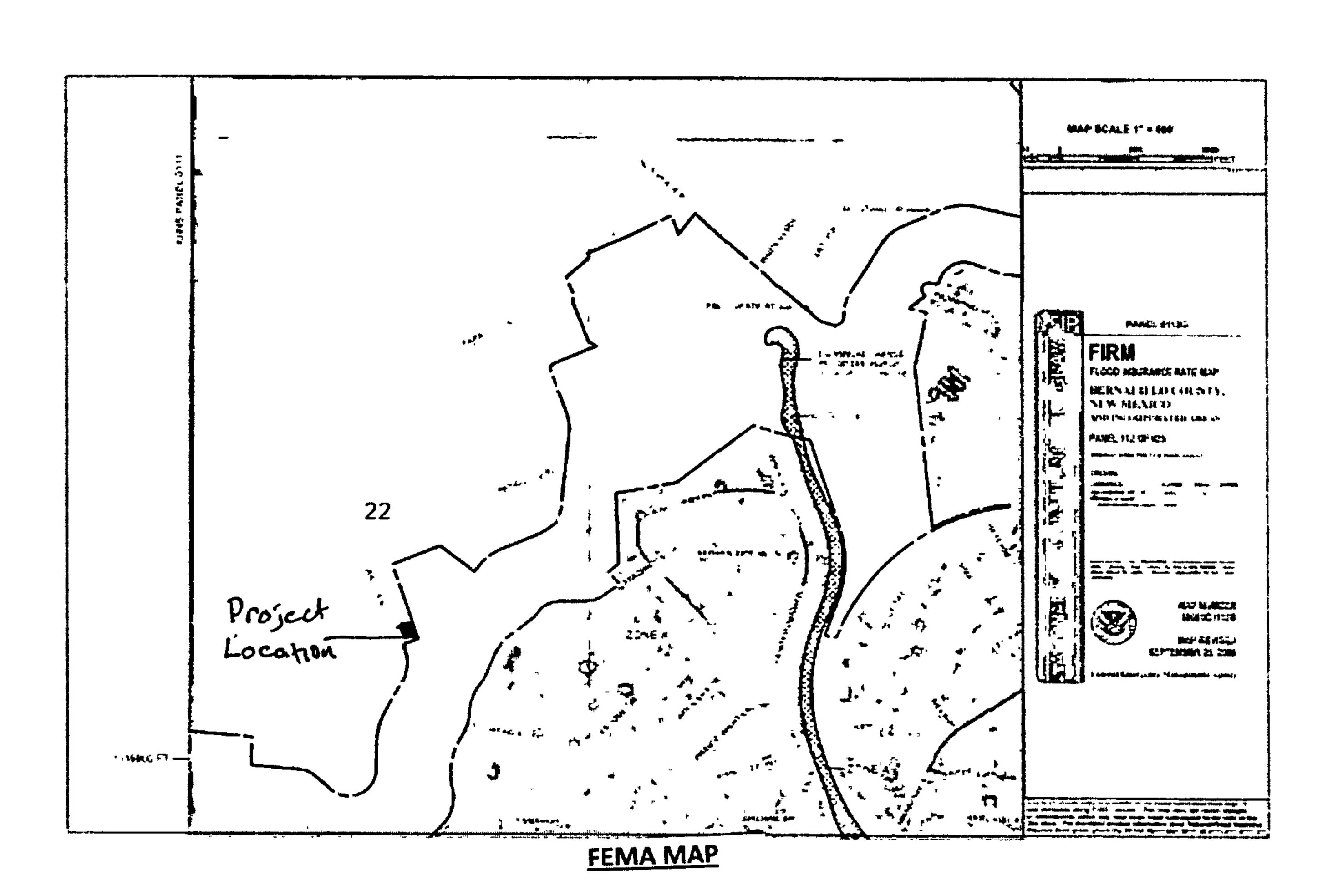


PREPARED BY STEVEN J. METRO, PE AND PS WILSON & COMPANY

GRADING & DRAINAGE PLAN 7816Urraca Street, NW LOT 5, BLOCK 6, UNIT 19 VCS Sheet 2 of 2



VICINITY MAP



Narrative

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WOLSON! &COMPANY

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

FAX (505) 348-4072

www.wilsonco.com

GRADING AND DRAINAGE PLAN

LOT & BLOCK & UNIT 19, VCS

ADDRESS: 7816 Urraca Street, NW

SHEET 1 OF 2