## CITY OF ALBUQUERQUE

Planning Department
Suzanne Lubar, Director



November 23, 2015

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

RE: Lot 1 Block 6 Unit 19 Volcano Cliffs Subd.

7832 Urraca St. NW

Request for Permanent C.O. - Accepted **f2/**Engineers Stamp Date 7/14/15 (D10D003B18)

Certification Dated: 11/18/15

Dear Mr. Metro,

Based on the Certification received 11/20/2015, the above mentioned residence is acceptable for release of Certificate of Occupancy by Hydrology.

PO Box 1293

Albuquerque

If you have any questions, please contact me at 924-3695 or Rudy Rael at 924-3977.

New Mexico 87103

Sincerely,

www.cabq.gov

Rita Harmon, P.E.

Senior Engineer, Hydrology

Planning Department

RR/RH C: File

#### LOT 1, BLOCK 6, UNIT 19 VOLCANO CLIFFS SUBDIVISION

7832 Urraca St., NW Grading & Drainage Certification

By Steven J. Metro, PE and PS

November 18, 2015

#### DRAINAGE CERTIFICATION WITH VERIFICATION BY ENGINEER OF RECORD 8-14-2015 DRAINAGE CERTIFICATION

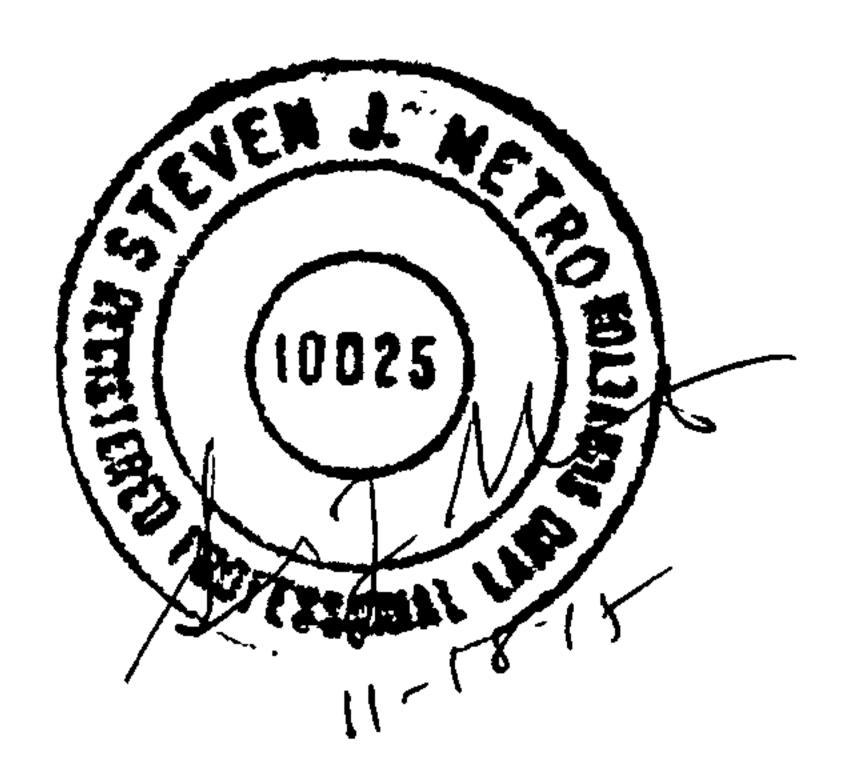
I, Steven J. Metro, NMPE 8220, OF THE FIRM Metro Development, Inc., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 7-14-2015. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT 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 Metro Development, 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 7832 Urraca St., NW.

THIS CERTIFICATION IS FOR THE CERTICATE 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





### WILSON & COMPANY

# FIELD DENSITY TESTS TROXLER 3400 SERIES MOISTURE-DENSITY GAUGE

JOB NO:	DATE: 14August15						
PROJECT: SAD 228	TESTED BY: WIL						
CLIENT:	METER NO: <u>19640</u>						
CONTRACTOR:	SHEET1 OF 1						

TEST NUMBER			<u> </u>			REMARKS
% COMPACTION REQUIRED		95.0	95.0	95.0		Proctor = 125.4/9.0
% MOISTURE REQUIRED		9.0	9.0	9.0		
DENSITY STUDY COUNT		1127	768	788		
MOISTURE COUNT		82	75	90		
MOISTURE		5.9	5.2	6.6		
% MOISTURE		4.7	4.5	5.5		
WET DENSITY		130.5	117.5	118.9	·	
DRY DENSITY	<del>.</del>	124.7	120.8	125.5		
% DRY DENSITY		100.2	94.9	95.6		
% VOIDS			·			
% ASPHALT DENSITY						
	LOCATION/ELEVATION	Lot 1, Block 6, Unit 19	Lot 4, Block 3, Unit 19	Lot 3, Block 4, Unit 19		

### City of Albuquerque

PLN DR50 cabason

### Planning Department

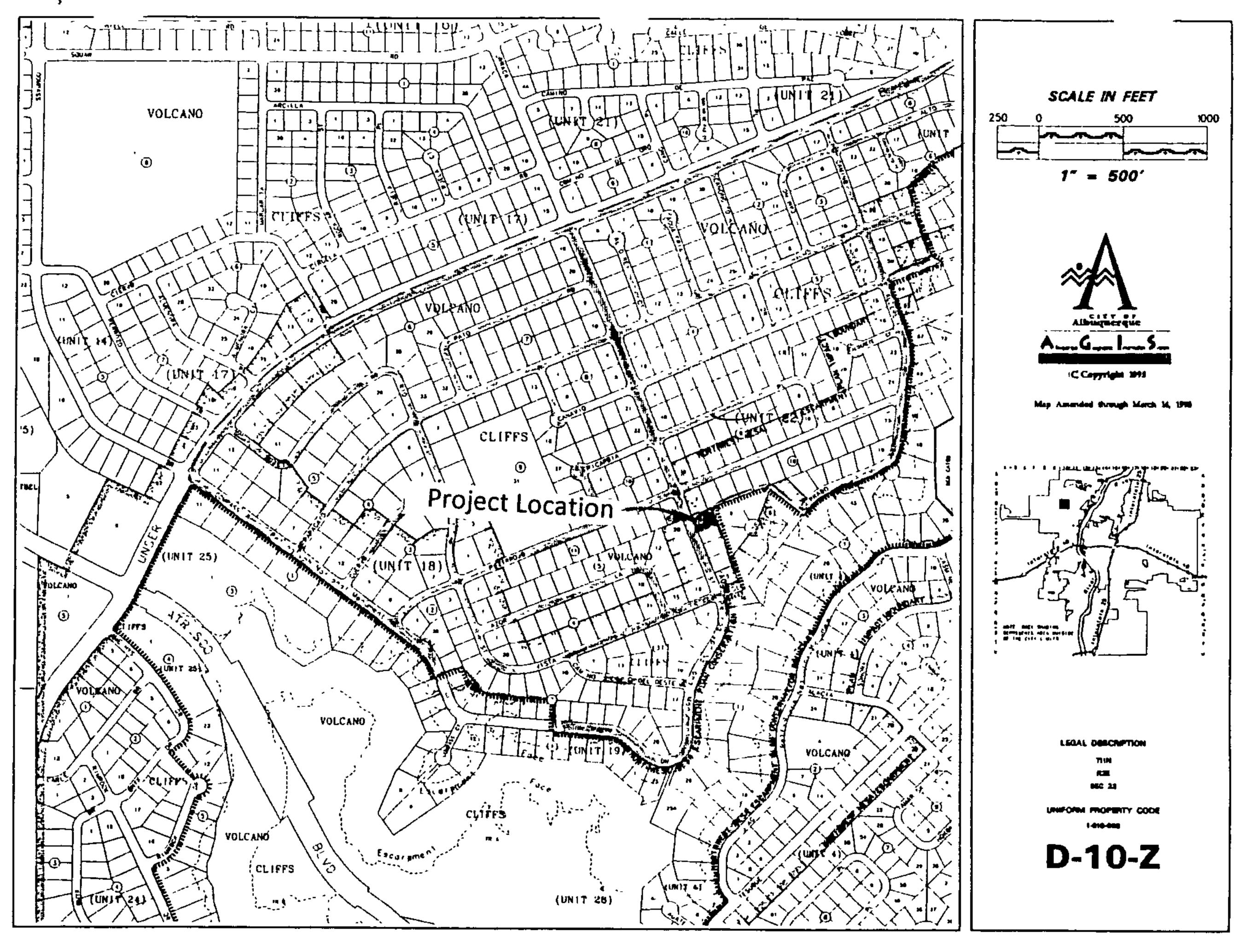
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 02/2013)

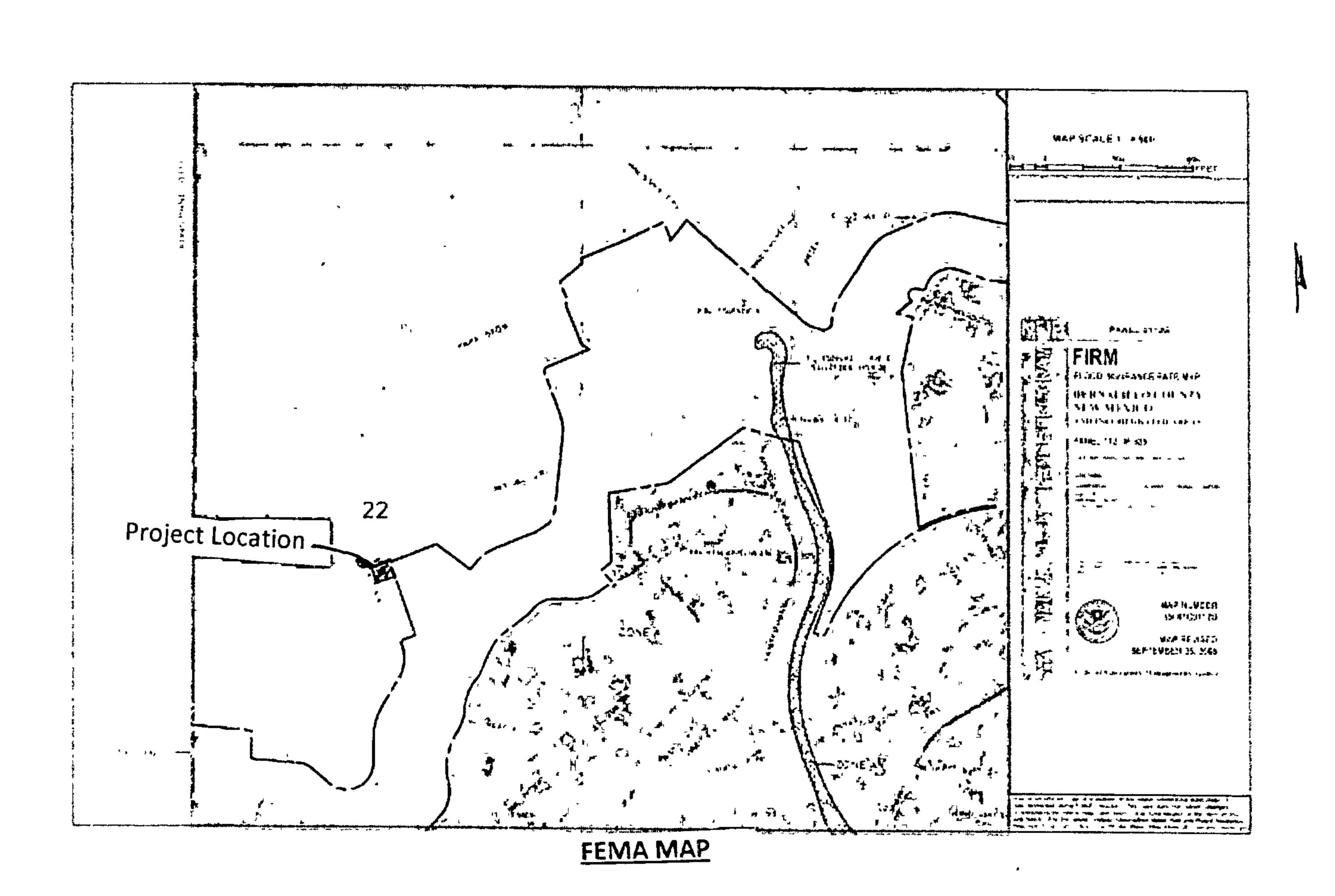
Project Title: 7832 Urraca 54 NW	Building Permit #: City Drainage #:
DRB#: EPC#:	Work Order#:
Legal Description: Lot 1, Block C, Unit 19 Volcome	Cliffe 5452Nism
City Address: 7832 Ur/ven 5h NW	
Engineering Firm: Metro Development, [ Address: 8860 Day to Triad Land 15	
Address: 8860 Dount Finch La NE Al Phone#: 505-280-4553 Fax#: 505-348	-4055 E-mail: 5 tech. metro e wilson a. a
Owner: Abrano Itamas	Contact: Madennie Bishup
Address: Po Br 65808 Albuqueque 1	
Phone#: 505-269-0915 Fax#:	E-mail: Madangie Cabragahne
Architect:	Contact:
Address:  Phone#:  Fax#:	E-mail:
Surveyor: Metro Development, Inc.	Contact: 5 tex Metro
Address: 8800 Desert First La NE	ABQ, NM 87122
Phone#: Fax#:	E-mail: 5 teuc. Mctruc Wilson.
Contractor: Guyman Construction Solution Address: 6020 Industry Way ABRN M	87105
Phone#: 505 - 453 - 0663 Fax#: 505 - 43	52-0664/ E-mail: rudy egunnonco.com
TYPE OF SUBMITTAL:	K TYPE OF APPROVAL/ACCEPTANCE SOUGHT:
	FINANCIAL GUARANTEE RELEASE
DRAINAGE PLAN 1st SUBMITTAL PREI	LIMINARY PLAT APPROVAL
DRAINAGE PLAN RESUBMITTAL S. DI	EV. PLAN FOR SUB'D APPROVAL
CONCEPTUAL G & D PLAN  S. DI	EV. FOR BLDG. PERMIT APPROVAL
GRADING PLAN SEC	TOR PLAN APPROVAL
EROSION & SEDIMENT CONTROL PLAN (ESC) FINA	AL PLAT APPROVAL
ENGINEER'S CERT (HYDROLOGY) CER	TIFICATE OF OCCUPANCY (PERM)
CLOMR/LOMR CER	TIFICATE OF OCCUPANCY (TCL TEMP)
TRAFFIC CIRCULATION LAYOUT (TCL) FOU	NDATION PERMIT APPROVAL
ENGINEER'S CERT (TCL)  BUIL	LDING PERMIT APPROVAL
ENGINEER'S CERT (DRB SITE PLAN) GRA	ADING PERMIT APPROVAL SO-19 APPROVAL
ENGINEER'S CERT (ESC) PAV	ING PERMIT APPROVAL ESC PERMIT APPROVAL
SO-19 WO	RK ORDER APPROVAL ESC CERT ACCEPTANCE
OTHER (SPECIFY)	ADING CERTIFICATIONOTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE ATTENDED: Yes	No Copy Provided
DATE SUBMITTED: 7.14.15  By: 5.	teven Metro St 2 Min

Requests for approvals of Site Development Plans and or Subdivision Plats shall be accompanied by a dialnage 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 levels.

- 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



#### **Narrative**

Grading and Drainage Plan for the construction of the building pad for Lot  $\frac{1}{2}$ , Block  $\frac{6}{2}$ , Unit  $\frac{19}{2}$ , Volcano Cliff S Subdivision, being a part of SAD 228.

Address: 7832 Urraca St. NW. Albuquerau , NM.
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 330 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.

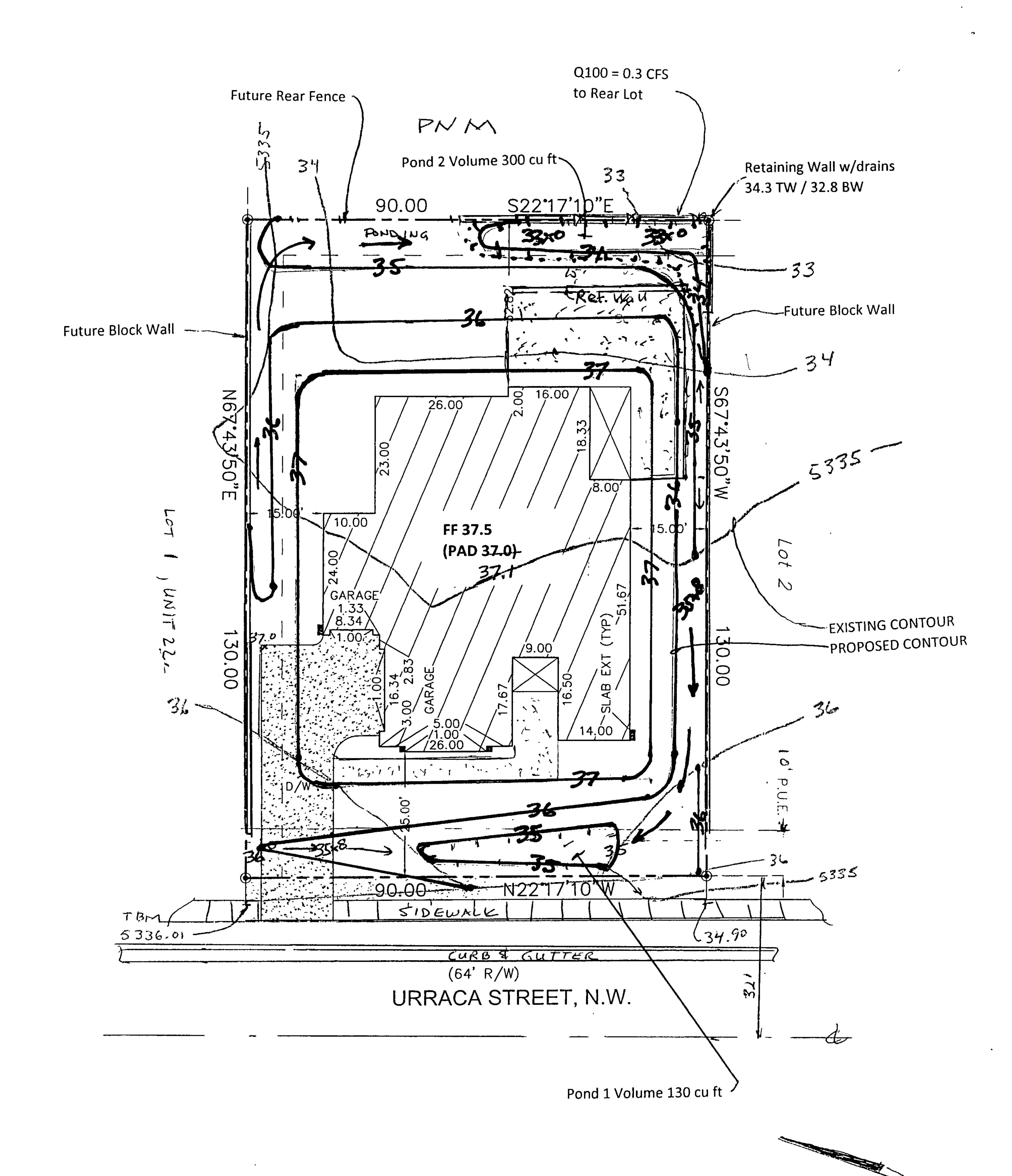




Development, Inc. 8860 Desert Finch Ln NE Albuquerque, NM 87122 (505) 280-4553 GRADING AND DRAINAGE PLAN

LOT 1, BLOCK 6, UNIT 19, VCS

ADDRESS: 7832 Urraca St. NW



				Q100 CFS	TOTAL	SAD 228	DRAIN TO	
LOT 1, BLOCK 6,	AREA LOT		<b>SAD 228</b>	/ ACRE	<u>PROP</u>	<u>DMP</u>	REAR OF	REAR LOT
UNIT 19 VCS	<u>SF</u>	<u>%</u>	<u>DMP %</u>	ZONE 1	Q100 CFS	Q100 CFS	LOT SF	Q100 CFS
TYPE D	4,950	42%	50	4.37	0.50	0.59	800	0.08
TYPE C	5,580	48%	40	2.87	0.37	0.31	2,650	0.17
TYPE B	<u>1,170</u>	<u>10%</u>	<u>10</u>	2.03	0.05	<u>0.05</u>	<u>500</u>	0.02
	11700	100%	100		0.92	0.95	3,950	0.28

8220 NA

AS BULLT FOR PART COMPRECTION 8-4-15 FINAL GLD 11-18-15

PREPARED BY STEVEN J. METRO, PE AND PS

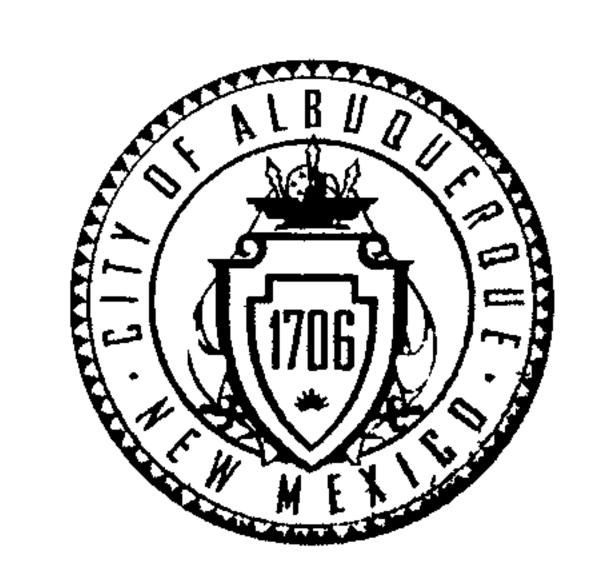
GRADING & DRAINAGE PLAN 7832 Urraca St. NW LOT 1, BLOCK 6, UNIT 19 VCS

Sheet 2 of 2

1"=20'

### CITY OF ALBUQUERQUE

July 29, 2015



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

RE: Lot 1 Block 6 Unit 19 Volcano Cliffs 7832 Urraca St NW Grading and Drainage Plan Engineers Stamp Date 7/14/15 (D10D003F21)

Dear Mr. Metro,

Based upon the information provided in your submittal received 7/14/2015, 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 924-3999 or Rudy Rael at 924-3977.

New Mexico 87103

www.cabq.gov

Sincerely,

Shahab Biazar, P.E.

City Engineer, Albuquerque

Planning Department

RR/SB C: File

PLN DRSecabason

### City of Albuquerque

Planning Department

Development & Building Services Division

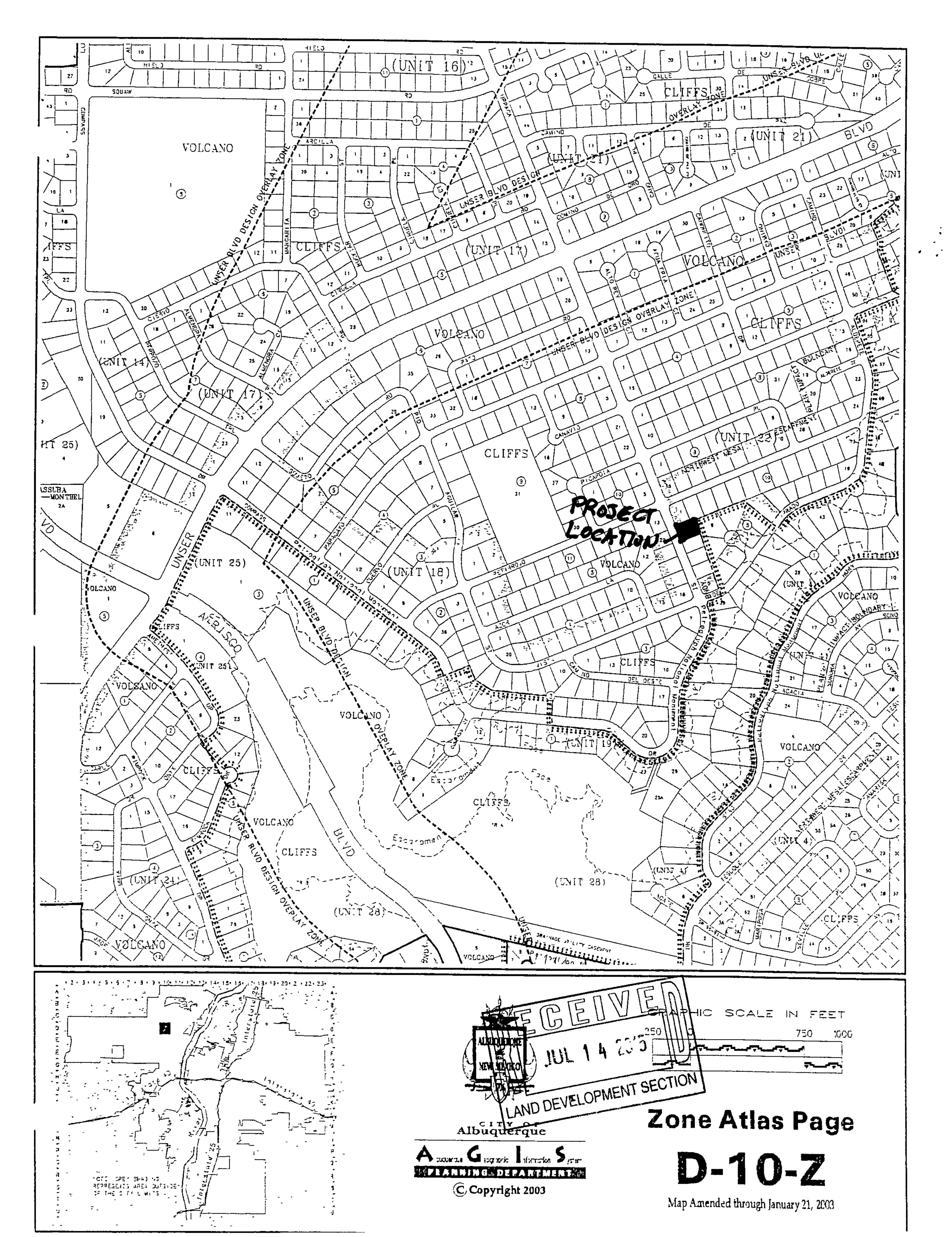
DRAINAGE AND TRANSPORTATION INFORMATION SHEET

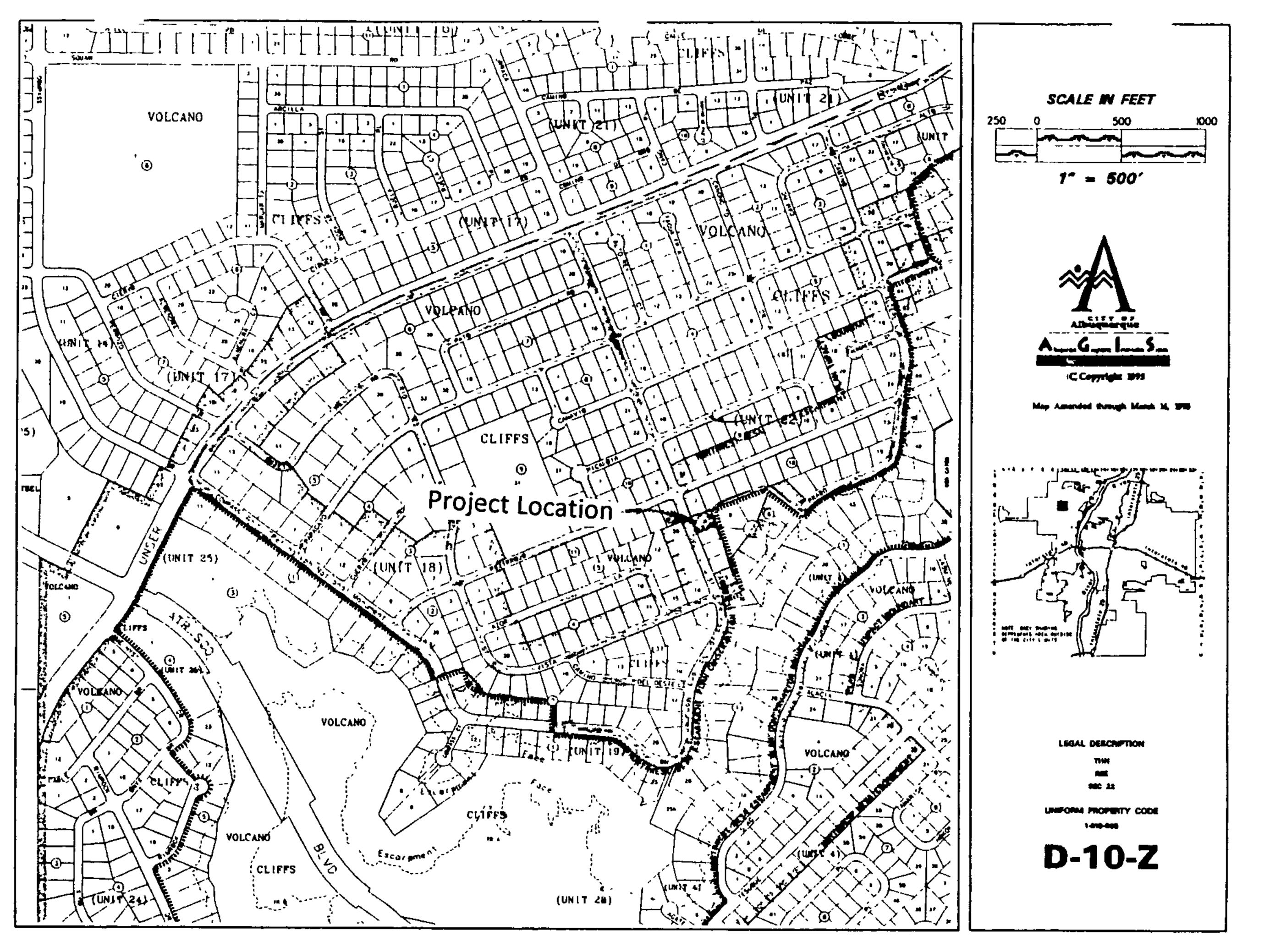
(REV 02/2013)

Project Title. 7832 Urraca 54. NW	Building Permit #: City Drainage #: DIODO3!
DRB#: EPC#:	Work Order#·
Legal Description: Lot 1, Block C, Unit 19 Volce	no Cliffe Sibanism
City Address: 7832 Urlown 5h NW	
Engineering Firm: Metro Development	
Address: 8860 Dosent Finch La NE	ABB, NM 87122
Phone#: 505-280-4553 Fax#: 505-	148-4055 E-mail: 5 tech. netroe wisnes.a
Owner: Abrongo Homas	Contact: Mackanire Bishuso
Address: Po Bre 65808 Albuquerque	
Phone#: 505-269-0915 Fax#:	E-mail: Madiennie Cabrancher.
Architect:	Contact:
Address:	
Phone#: Fax#:	E-mail:
Surveyor: Metro Development, Inc.	Contact: 5 tex Metro
Address: 8860 Desert Frich La ME	ABQ. NM 87122
Phone#: Fax#:	E-mail: 5 teuc. Metruc Wilsons.
Contractor: <u>Gumman</u> Construction Sol	troves UC Contact: Rudy Guynn
Address: 6020 Industry Way 130 N	
Phone#: 505 - 953 - 0665 Fax#: 505 -	452-0664 E-mail: rudy eguymoncs.com
TYPE OF SUBMITTAL:	HECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:
	SIA/FINANCIAL GUARANTEE RELEASE
<del></del>	PRELIMINARY PLAT APPROVAL LO Varified email
<del></del>	S. DEV. PLAN FOR SUB DEAPPROVAL  S. DEV. FOR DUDG. THE ARRESTS TO THE TOP OF
<del></del>	S DEV. FOR BLDG. FERMILE ARPROMAL VIEW SECTOR PLAN APPROVAL
	FINAL PLAT APPROVAL JUL 1 4 2315
FNGINEER'S CERT (HYDROLOGY)	CERTIFICATE OF OCCUPANCY (PERM)
CLOMR/LOMR	CERTIFICATE OF CEAUDADEVELOPMENT SECTION
TRAFFIC CIRCULATION LAYOUT (TCL)	FOUNDATION PERMIT APPROVAL
	BUILDING PERMIT APPROVAL ACCOUNT TO SOLL TO SO
<del></del>	GRADING PERMIT APPROVAL SO-19 APPROVAL
ENGINEER'S CERT (ESC) SO-19	PAVING PERMIT APPROVAL  WORK ORDER APPROVAL  ESC PERMIT APPROVAL  ESC CERT ACCEPTANCE
OTHER (SPECIFY)	GRADING CERTIFICATION OTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE ATTENDED.	Yes 🗸 No Copy Provided
DATE SUBMITTED 7.10.15  By:	Steven Metro It 1 Mars

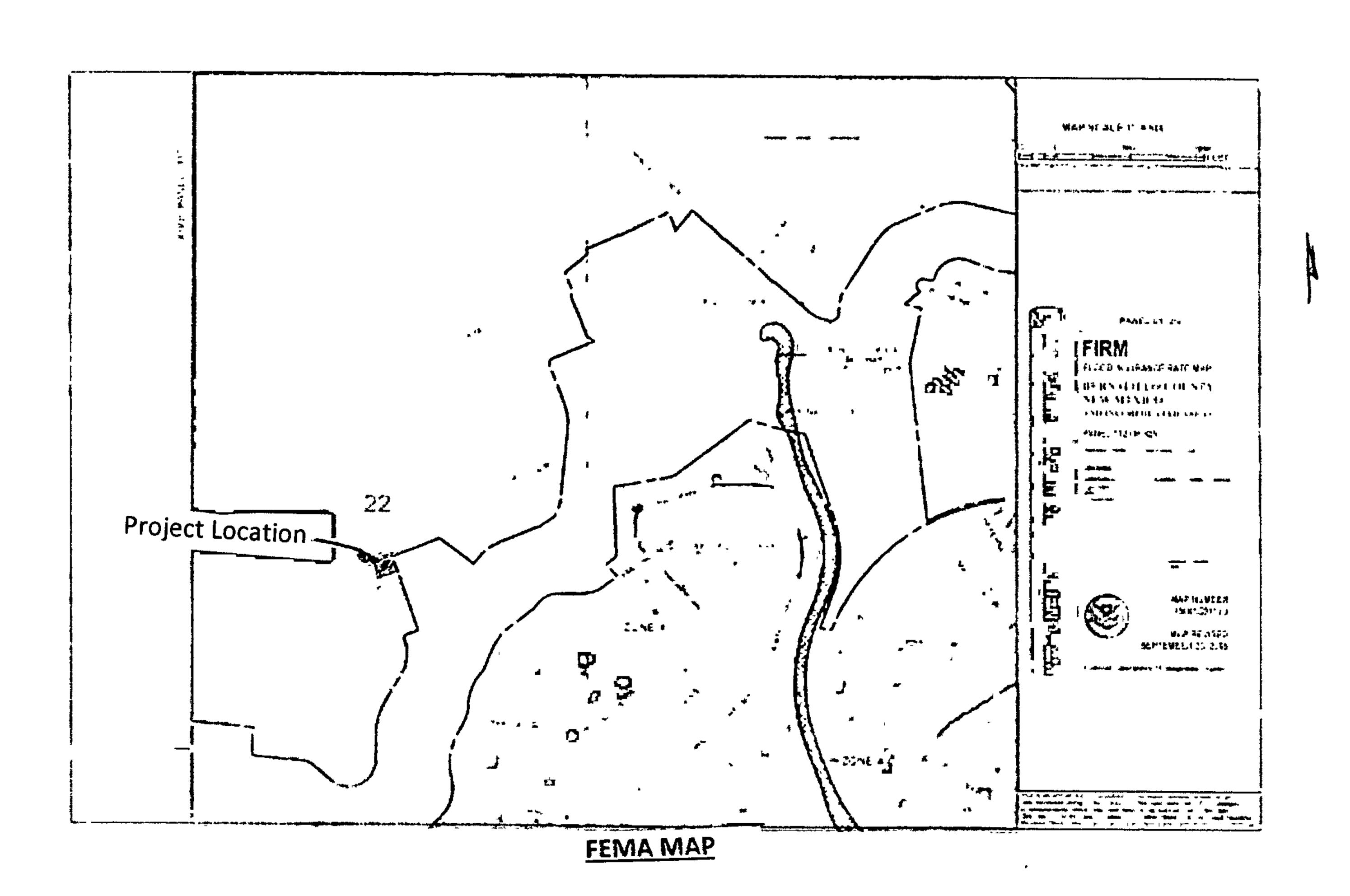
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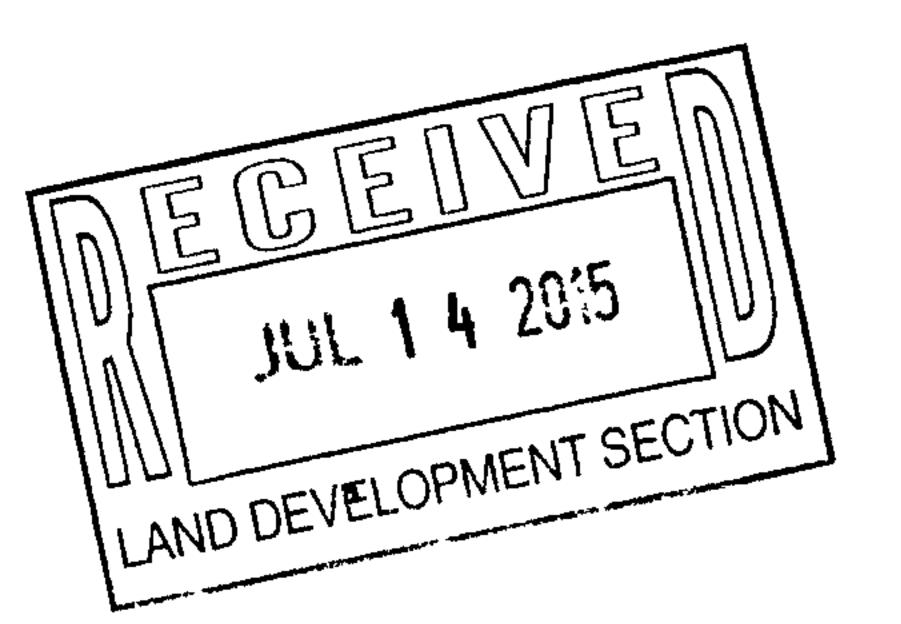
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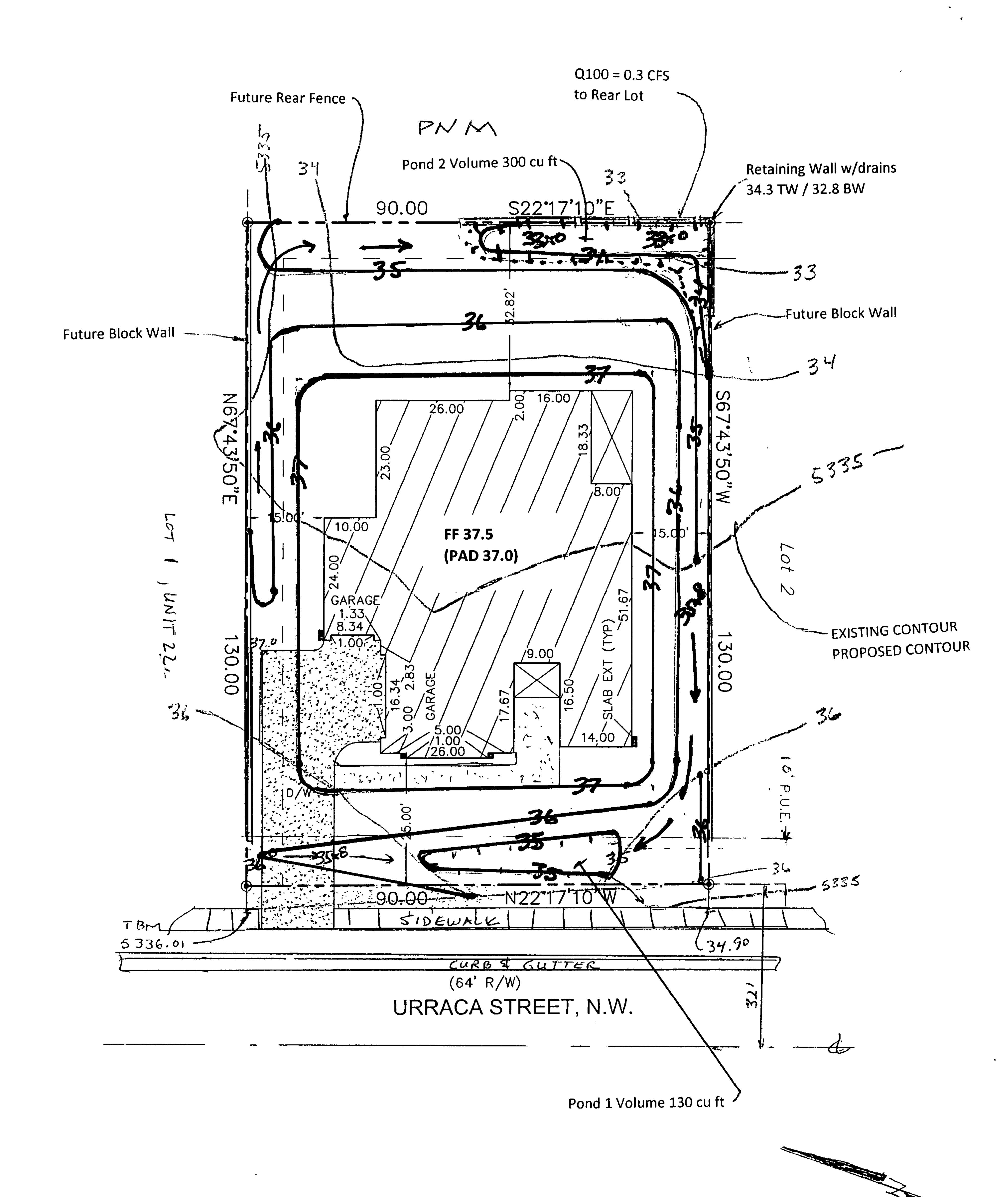




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PREPARED BY STEVEN J. METRO, PE AND PS

GRADING & DRAINAGE PLAN 7832 Urraca St. NW LOT 1, BLOCK 6, UNIT 19 VCS

1"=20'

#### Metro, Steven J.

From: Metro, Steven J.

Sent: Tuesday, July 14, 2015 1:56 PM

To: 'PLNDRS@cabq.gov'
Cc: 'Mackenzie Bishop'

Subject: G&D Submittal for 7832 Urraca St. NW Attachments: Abrazo 7832 Urraca G-D Sub 7-14-15.pdf

Attached is a pdf of the G&D Submittal for 7832 Urraca St. NW – Lot 1, Block 6, Unit 19 VCS. I will bring to counter this afternoon.

Thanks,

Steve Metro

