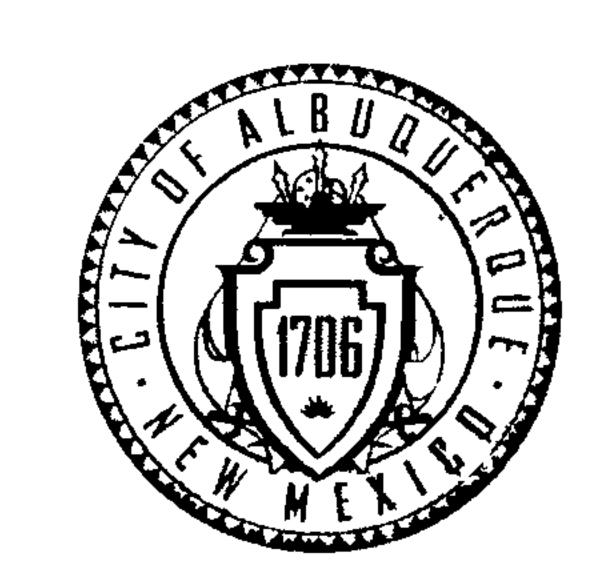
CITY OF ALBUQUERQUE

August 3, 2015



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

RE: Lot 7 Block 5 Unit 22, Volcano Cliffs

6301 Canavio Pl NW

Request for Permanent C.O. - Accepted Engineers Stamp Date 2/23/15 (D10D003V7)

Certification Dated: 7-30-15

Dear Mr. Metro,

RR/SB

C: File

Based on the Certification received 8/3/2015, the above mentioned residence is acceptable for release of Certificate of Occupancy by Hydrology.

PO Box 1293

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

Albuquerque

New Mexico 87103

www.cabq.gov

Sincerely,

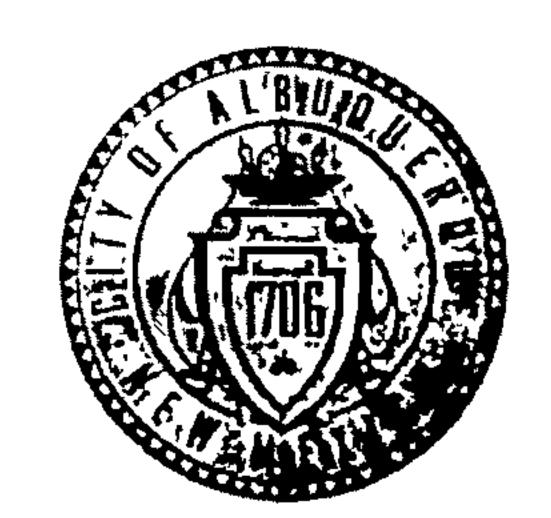
Shahab Biazar, P.E.

City Engineer, Albuquerque

Planning Department

CITY OF ALBUQUERQUE

March 10, 2015



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

RE: SAD 228, Lot 7 Block 5 6301 Canavio Pl NW

Grading and Drainage Plan

Engineers Stamp Date 2/23/15 (D10D003V7)

Dear Mr. Metro,

Based upon the information provided in your submittal received 2/23/115, 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

Sincerely,

www.cabq gov

Curtis Cherne, P.E.

Principal Engineer, Hydrology

Planning Department

RR/CC C: File

LOT 7, BLOCK 5, UNIT 22 VOLCANO CLIFFS SUBDIVISION

6301 Canavio PL, NW Grading & Drainage Certification

By Steven J. Metro, PE and PS

March 10, 2015

DRAINAGE CERTIFICATION WITH VERIFICATION BY ENGINEER OF RECORD 3-10-2015 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 3-10-2015. 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 6301 Canavio PL, 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



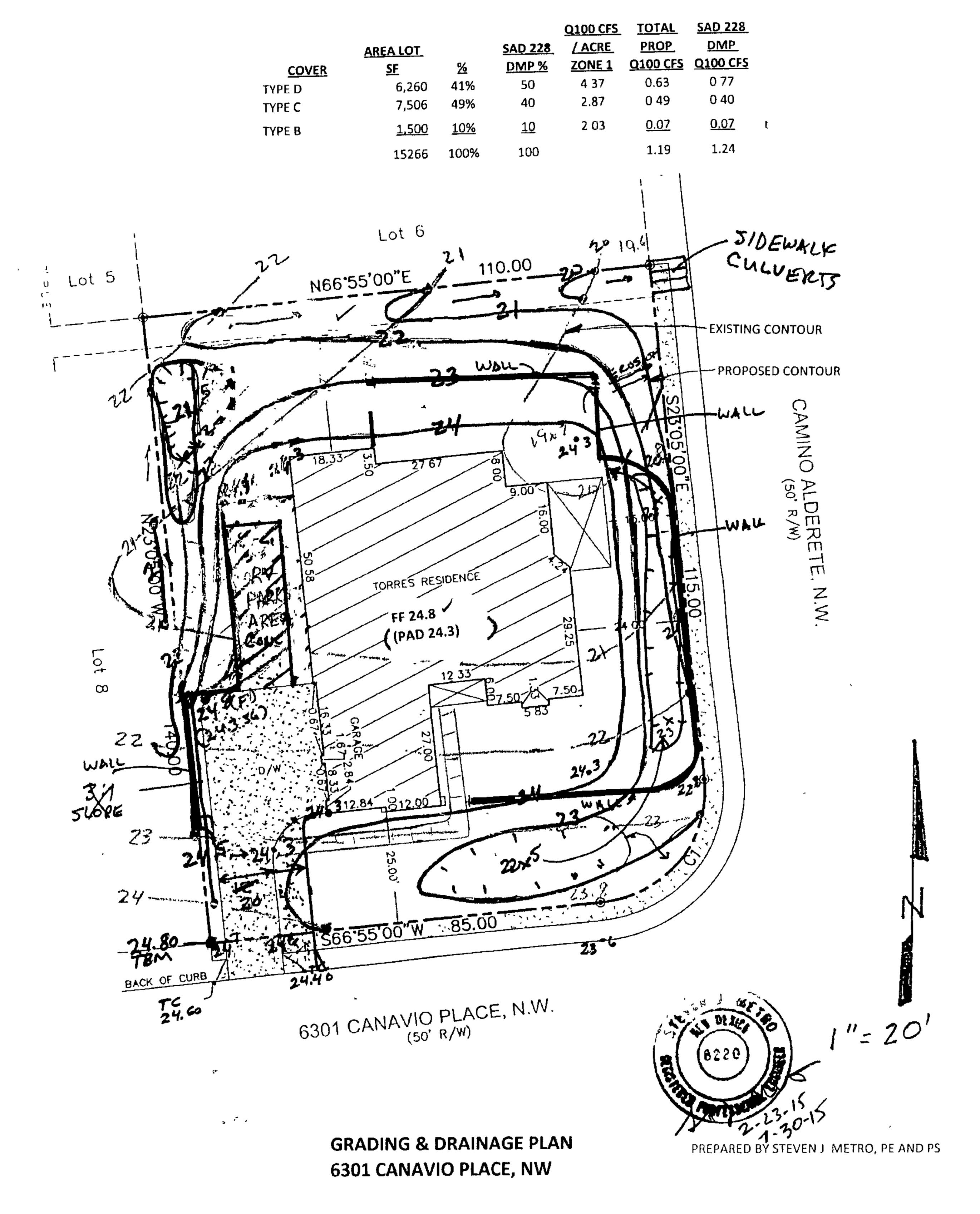




FIELD DENSITY TESTS 6301 CANAVIO PLACE

JOB NO: 08 400 104 02	DATE:	9-Mar-15		
PROJECT: SAD 228	TESTED BY:	TESTED BY: Timothy Sanchez		
CLIENT:	METER NO:	METER NO: 7541		
CONTRACTOR: Guzman				

TEST NUMBER	1	2	 · . · . ·		REMARKS
% COMPACTION REQUIRED	95.0				
% MOISTURE REQUIRED	9		 		
DENSITY STANDARD COUNT	898				
MOISTURE COUNT	290.5				
MOISTURE	6.13				· · · · · · · · · · · · · · · · · · ·
% MOISTURE	5.12			. <u> </u>	
WET DENSITY	126		 		· · · · · · · · · · · · · · · · · · ·
DRY DENSITY	119.8				<u>.</u>
% DRY DENSITY	95.7	· <u>·</u>			
% VOIDS		· · · · · · · · · · · · · · · · · · ·			
% ASPHALT DENSITY					
	LOCATION/ELEVATION CENTER OF HOUSE PAD				



AS – BUILT PLAN

This is to certify that the lot grading and drainage on 6301 Canavio Place, NW was constructed per the approved Plan with modifications noted.

Steven J. Metro, PE NM#8220

Field Review 7-30-15

LOT7, BLOCK 5
VOLCANO CLIFFS UNIT 22
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO:

LOT 7, BLOCK 5, UNIT 22 VOLCANO CLIFFS SUBDIVISION

6301 Canavio Place, NW Grading & Drainage Certification

By Steven J. Metro, PE and PS

July 30, 2015

DRAINAGE CERTIFICATION WITH VERIFICATION BY ENGINEER OF RECORD 7-30-2015 DRAINAGE CERTIFICATION

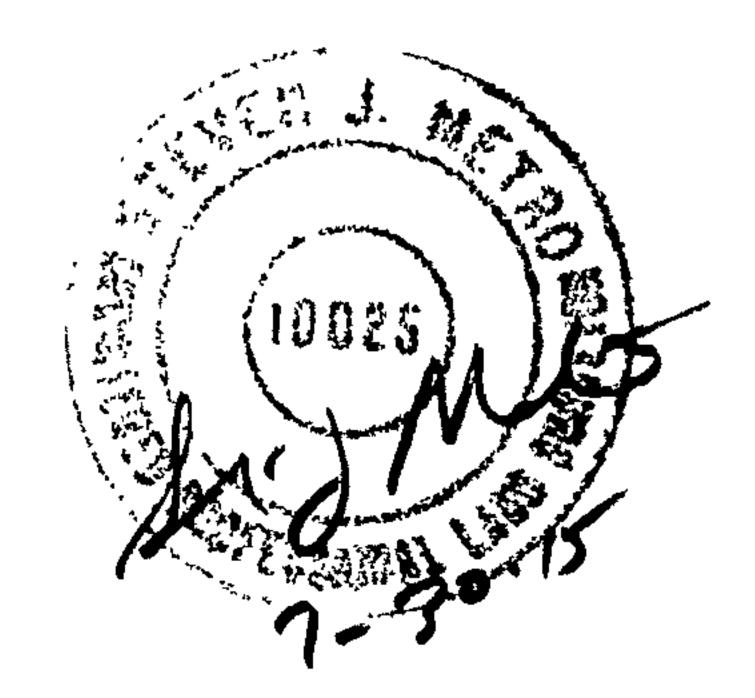
I, Steven J. Metro, NMPE 8220, OF THE FIRM Metro Development, Inc., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 2-23-2015. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT 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 6301 Canavio Place, NW.

THIS CERTIFICATION IS FOR THE PAD ELEVATION, COMPACTION, AND FINAL AS BUILTS FOR GRADING & DRAINAGE.

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.

7-30-15 Steven J. Metro, NMPE 8220 and NMPS 10025







City of Albuquerque

Planning Department

Development & Building Services Division DRAINAGE AND TRANSPORTATION INFORMATION SHEET

PORTATION INFORMATION SHEET
(REV 02/2013)

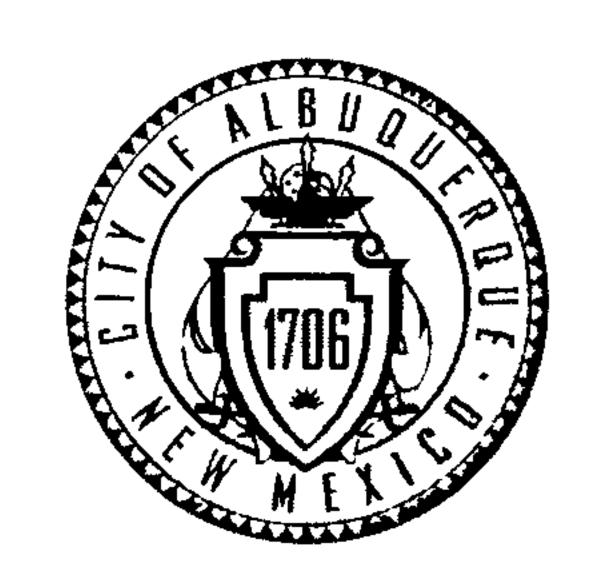
Project Title: 6301 CANAVIO PLACE,	س ب ك Building Permit #:_	City Drainage #:
DRB#: EPC#:		Work Order#:
Legal Description: Lot 7, BLOCK 5, UNIT	·	
City Address: C30) CAN AUTO PLACE	UW, ALBUQUERQUE,	
Engineering Firm: Metro Dovelogment, Address: 8860 Desert Finch		Contact: Sture Metro
Phone#: 505-280-4553 Fax#:		E-mail: <u>Steve</u> , <u>metro@wilsme</u>
Owner: ABRAZO HOMES Address: POBX 65808		Contact: Mackengie Bishop
		E-mail: mackenge @abran, home
Architect: Address:		Contact:
Phone#: Fax#:		E-mail:
Surveyor: (Steve Metro) Metro Address: 8860 Desert Frach La	Development, Inc. NE AGA NM8712	
Phone#: 505-28v-4553 Fax#:	4	E-mail: Steve. metric wilsones. Cu
	<i>'</i>	Contact: Rudy Gummen
Address: 6020 Industry Way, Address: 505-452-0663 Fax#: _	33 NM	E-mail: rudy@ guymmc5.com
TYPE OF SUBMITTAL: DRAINAGE REPORT DRAINAGE PLAN 1st SUBMITTAL DRAINAGE PLAN RESUBMITTAL CONCEPTUAL G & D PLAN GRADING PLAN EROSION & SEDIMENT CONTROL PLAN (ESC) ENGINEER'S CERT (HYDROLOGY) CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) ENGINEER'S CERT (TCL) ENGINEER'S CERT (DRB SITE PLAN) ENGINEER'S CERT (ESC) SO-19 OTHER (SPECIFY)	SIA/FINANCIAL GUARAN PRELIMINARY PLAT APPL S. DEV. PLAN FOR SUB'D S. DEV. FOR BLDG. PERM SECTOR PLAN APPROVAL FINAL PLAT APPROVAL CERTIFICATE OF OCCUPA	AL/ACCEPTANCE SOUGHT: TEE RELEASE ROVAL APPROVAL TAPPROVAL TO THE PROVAL
WAS A PRE-DESIGN CONFERENCE ATTENDED: DATE SUBMITTED: 2-23-15	Yes No K Co By: 5ton J. Met	opy Provided M

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage 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

- 1. 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

CITY OF ALBUQUERQUE

March 10, 2015



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

E: SAD 228, Lot 7 Block 5 6301 Canavio Pl NW Grading and Drainage Plan

Engineers Stamp Date 2/23/15 (D10D003V7)

Dear Mr. Metro,

Based upon the information provided in your submittal received 2/23/115, 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

Sincerely,

Curtis Cherne, P.E.

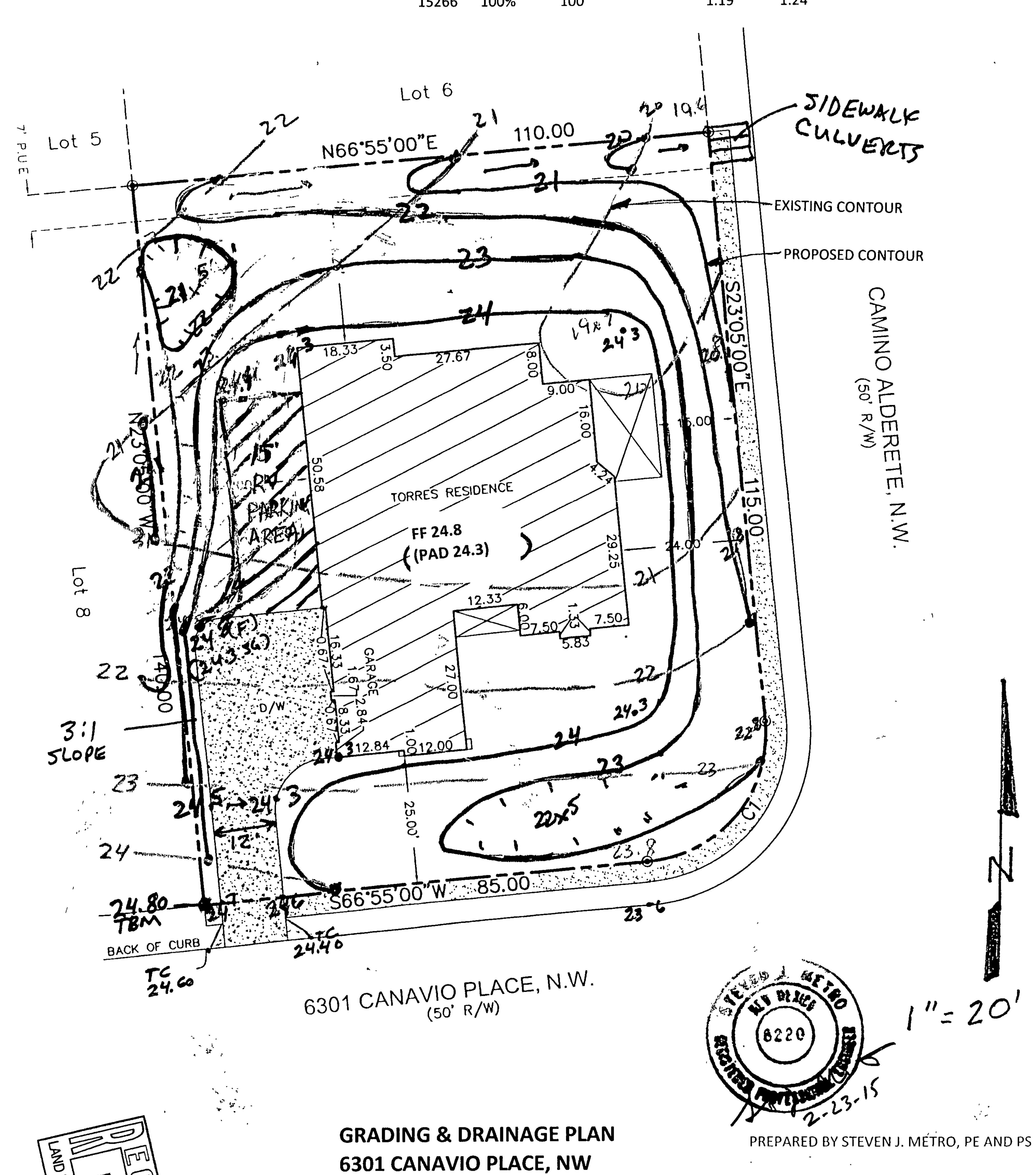
Principal Engineer, Hydrology

Cont a Chen

Planning Department

RR/CC C: File

				Q100 CFS	<u>TOTAL</u>	SAD 228
	AREA LOT		SAD 228	<u>/ ACRE</u>	<u>PROP</u>	<u>DMP</u>
COVER	<u>SF</u>	<u>%</u>	<u>DMP %</u>	ZONE 1	Q100 CFS	Q100 CFS
TYPE D	6,260	41%	50	4.37	0.63	0.77
TYPE C	7,506	49%	40	2.87	0.49	0.40
TYPE B	<u>1,500</u>	<u>10%</u>	<u>10</u>	2.03	0.07	0.07
	15266	100%	100		1.19	1.24

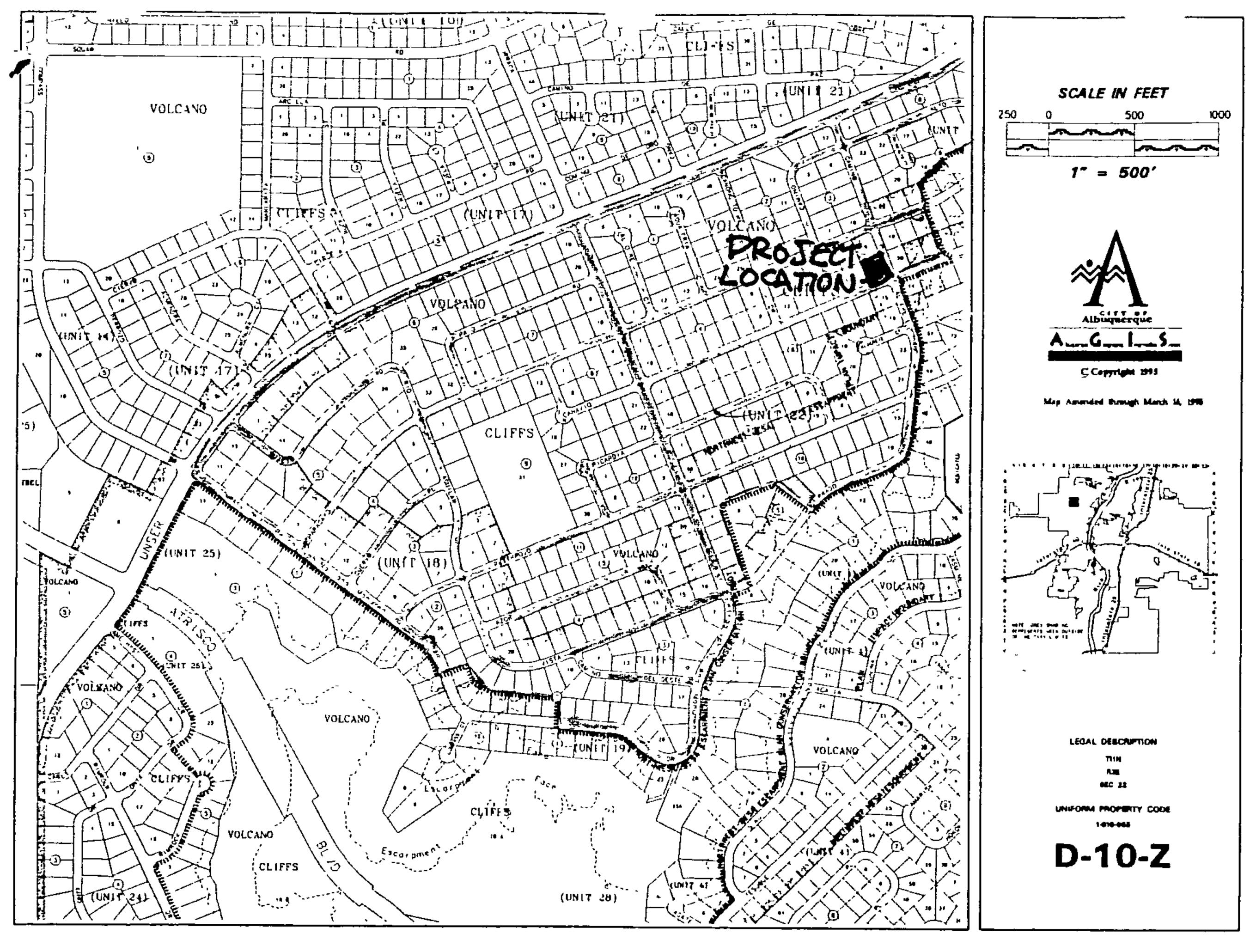


6301 CANAVIO PLACE, NW

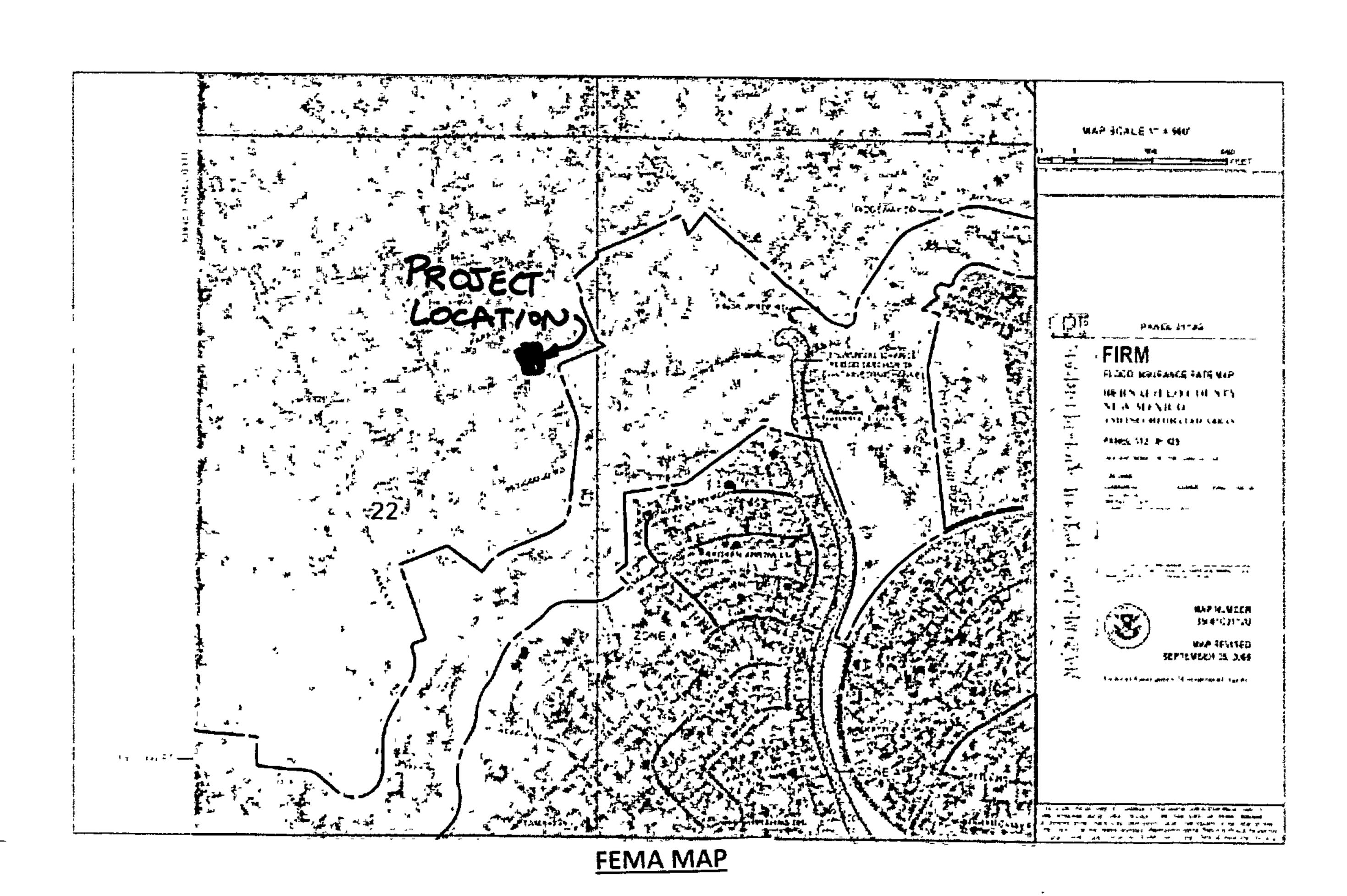
DEVELOPMENT SECTION

EFB

LOT7, BLOCK 5 VOLCANO CLIFFS UNIT 22 CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO :



VICINITY MAP



Narrative

Grading and Drainage Plan for the construction of the building pad for Lot $\frac{1}{2}$, Block $\frac{5}{2}$, Unit $\frac{22}{2}$ -Volcano Cliff S Subdivision, being a part of SAD 228.

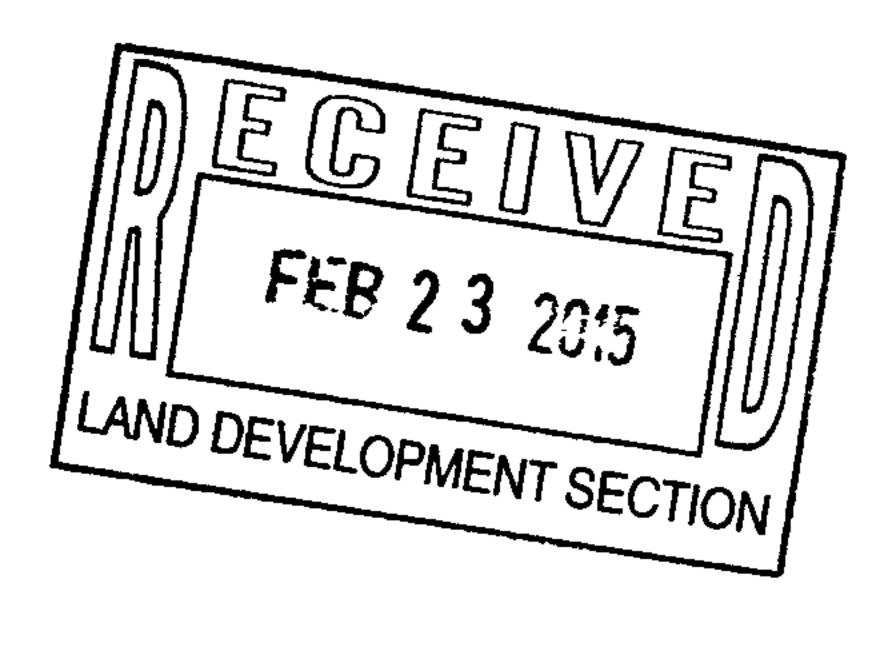
Address: 6301 CANAVIO PLACE, NW

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 manages is 0.44" less 0.10" initial impervious abstraction = 0.34" or 432 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 7, BLOCK 5, UNIT 22, VCS

ADDRESS: 6301 CANANIO PL, NW