CITY OF ALBUQUERQUE

Planning Department
Suzanne Lubar, Director

Mayor Richard J. Berry

January 20, 2016

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

RE: **Lot 4 Block 3 Unit 19 Volcano Cliffs Subd.**
6512 Vista Del Prado NW
Request for Permanent C.O. - Accepted
Engineers Stamp Date 7/24/15 (D10D003U4)
Certification Dated: 1/20/16

Dear Mr. Metro,

PO Box 1293

Based on the Certification received 1/20/2016, the above mentioned residence is acceptable for release of Certificate of Occupancy by Hydrology.

Albuquerque

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

New Mexico 87103

Sincerely,

www.cabq.gov

Abiel Carrillo, P.E.
Principal Engineer, Hydrology
Planning Department

RR/AC
C: File

DRAINAGE CERTIFICATION

ven J Metro, NMPE 8220, OF THE FIRM Metro Development, Inc HEREBY CERTIFY THAT PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE T AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 2015. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AS SUPPLEMENTAL A TO THE ORIGINAL TOPOGRAPHIC SURVEY PREPARED BY Steven J Metro, NMPS S, OF THE FIRM Metro Development, Inc., AND IS TRUE AND CORRECT TO THE BEST OF CNOWLEDGE AND BELIEF THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A UEST FOR Certificate of Occupancy at 6512 Vista del Prado, NW

CERTIFICATION IS FOR THE CERTIFICATE OF OCCUPANCY.

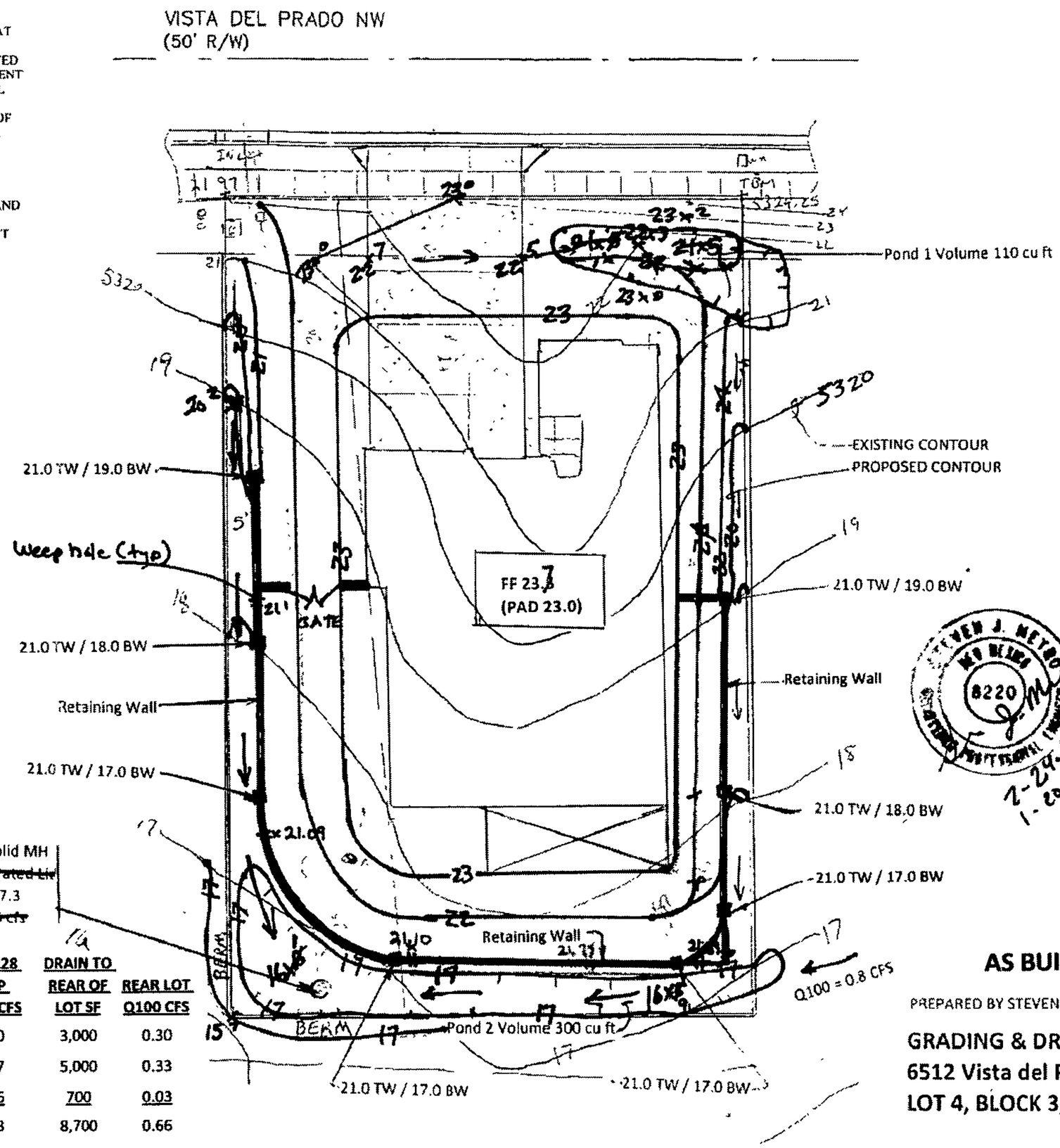
RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND NDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND INAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE G IT FOR ANY OTHER PURPOSE

1-20-16

n J. Metro, NMPE 8220 and NMPS 10025

STEVEN J. METRO NEW MEXICO 8220 REGISTERED PROFESSIONAL ENGINEER 1-20-16

STEVEN J. METRO NEW MEXICO 10025 REGISTERED PROFESSIONAL LAND SURVEYOR 1-20-16



STEVEN J. METRO NEW MEXICO 8220 REGISTERED PROFESSIONAL ENGINEER 1-20-16

1"=20'

3.	AREA LOT SF	%	SAD 228 DMP %	Q100 CFS / ACRE ZONE 1	TOTAL PROP Q100 CFS	SAD 228 DMP Q100 CFS	DRAIN TO REAR OF LOT SF	REAR LOT Q100 CFS
	5,850	42%	50	4.37	0.59	0.70	3,000	0.30
	6,665	48%	40	2.87	0.44	0.37	5,000	0.33
	1,400	10%	10	2.03	0.07	0.06	700	0.03
	13915	100%	100		1.09	1.13	8,700	0.66

AS BUILT

PREPARED BY STEVEN J METRO, PE AND PS

GRADING & DRAINAGE PLAN
6512 Vista del Prado, NW
LOT 4, BLOCK 3, UNIT 19 VCS

Sheet 2 of 2

LOT 4, BLOCK 3 UNIT 19 VOLCANO CLIFFS SUBDIVISION

6512 Vista del Prado, NW Grading & Drainage Certification

By Steven J. Metro, PE and PS

August 14, 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 7-24-2015. 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 6512 Vista del Prado, 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.

8-17-15

Steven J. Metro, NMPE 8220 and NMPS 10025

STEVEN J. METRO
NEW MEXICO
8220
REGISTERED PROFESSIONAL ENGINEER
8-17-15

STEVEN J. METRO
10025
REGISTERED PROFESSIONAL LAND SURVEYOR
8-17-15

LOT 4, BLOCK 3, UNIT 19 VOLCANO CLIFFS SUBDIVISION

6512 Vista del Prado, NW Grading & Drainage Certification

By Steven J. Metro, PE and PS

January ~~14~~ 20, 2016

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1-20-16

Steven J. Metro, NMPE 8220 and NMPS 10025

STEVEN J. METRO REGISTERED PROFESSIONAL LAND SURVEYOR 10025

STEVEN J. METRO NEW MEXICO 8220 REGISTERED PROFESSIONAL ENGINEER

WILSON
&COMPANY

FIELD DENSITY TESTS
TROXLER 3400 SERIES
MOISTURE-DENSITY GAUGE

JOB NO: _____ DATE: 14August15

PROJECT: SAD 228 TESTED BY: WIL

CLIENT: _____ METER NO: 19640

CONTRACTOR: _____ SHEET 1 OF 1

TEST NUMBER						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	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			

August 4, 2015

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

RE: **Lot 4 Block 3 Unit 19 Volcano Cliffs**
6512 Vista Del Prado NW
Grading and Drainage Plan 4
Engineers Stamp Date 7/24/15 (D10D003U3)

Dear Mr. Metro,

Based upon the information provided in your submittal received 7/24/2015, 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

New Mexico 87103

www.cabq.gov

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

Sincerely,

Shahab Biazar, P.E.
City Engineer, Albuquerque
Planning Department

RR/SB
C: File

PLNDRSec@cabq.gov

City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: 6512 Vista del Prado, NW G+D Building Permit #: _____ City Drainage #: _____

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: Lot 4, Block 3 Unit 19 Volcano Cliffs Subdivision

City Address: 6512 Vista del Prado, NW, Albuquerque, NM 87122

Engineering Firm: Metro Development, Inc. Contact: Steve Metro

Address: 8860 Desert Finch Ln NE, ABQ, NM 87122

Phone#: 505-280-4553 Fax#: 505-348-4055 E-mail: steve.metro@wilsmc.

Owner: Abrazo Homes Contact: Mackenzie Bishop

Address: PO Box 65808

Phone#: 505-269-0915 Fax#: _____ E-mail: mackenzie@abrazohomes

Architect: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Surveyor: Metro Development, Inc. Contact: Steve Metro

Address: 8860 Desert Finch Ln NE, ABQ, NM 87122

Phone#: _____ Fax#: _____ E-mail: steve.metro@wilsmc

Contractor: Guymon Construction Solutions LLC Contact: Rudy Guymon

Address: 6020 Industry Way ABQ NM 87105

Phone#: 505-452-0663 Fax#: 505-452-0664 E-mail: rudy@guymonco.com

TYPE OF SUBMITTAL:

- ____ DRAINAGE REPORT
- X 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)

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

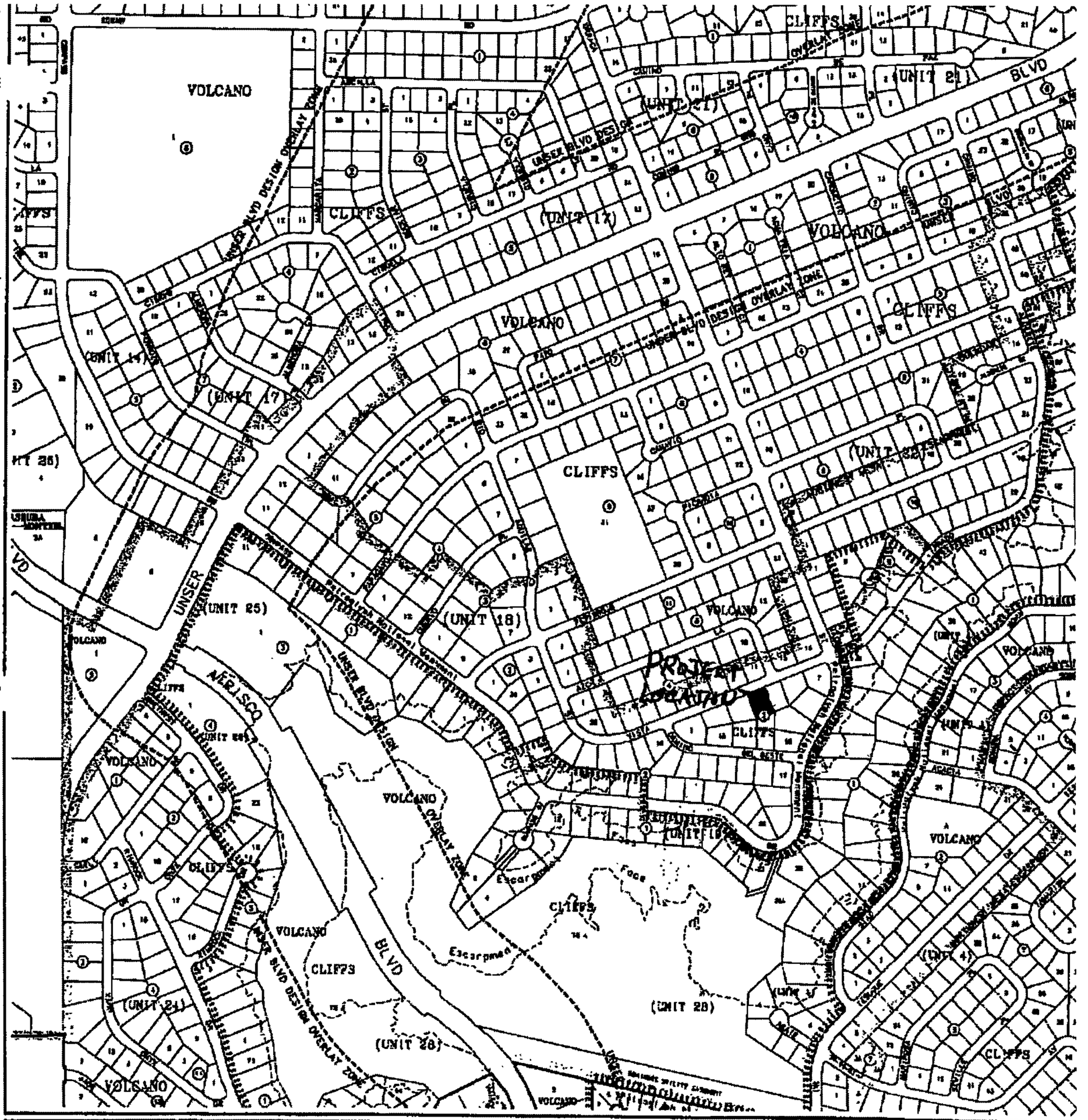
- ____ SIA/FINANCIAL GUARANTEE RELEASE
- ____ PRELIMINARY PLAT APPROVAL
- ____ S. DEV. PLAN FOR SUB'D APPROVAL
- ____ S. DEV. FOR BLDG. PERMIT APPROVAL
- ____ SECTOR PLAN APPROVAL
- ____ FINAL PLAT APPROVAL
- ____ CERTIFICATE OF OCCUPANCY (PERM)
- ____ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- ____ FOUNDATION PERMIT APPROVAL
- X BUILDING PERMIT APPROVAL
- ____ GRADING PERMIT APPROVAL
- ____ PAVING PERMIT APPROVAL
- ____ WORK ORDER APPROVAL
- ____ GRADING CERTIFICATION
- ____ SO-19 APPROVAL
- ____ ESC PERMIT APPROVAL
- ____ ESC CERT. ACCEPTANCE
- ____ OTHER (SPECIFY)

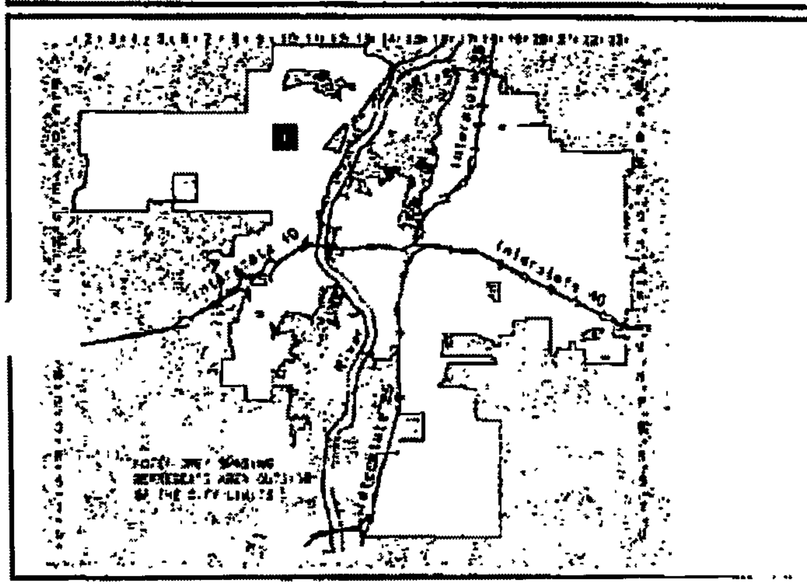
WAS A PRE-DESIGN CONFERENCE ATTENDED: ____ Yes X No ____ Copy Provided

DATE SUBMITTED: 7-24-15 By: Steve Metro

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, an 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 followin

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
A Accurate G Geographic I Information S System
PLANNING DEPARTMENT

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GRAPHIC SCALE IN FEET
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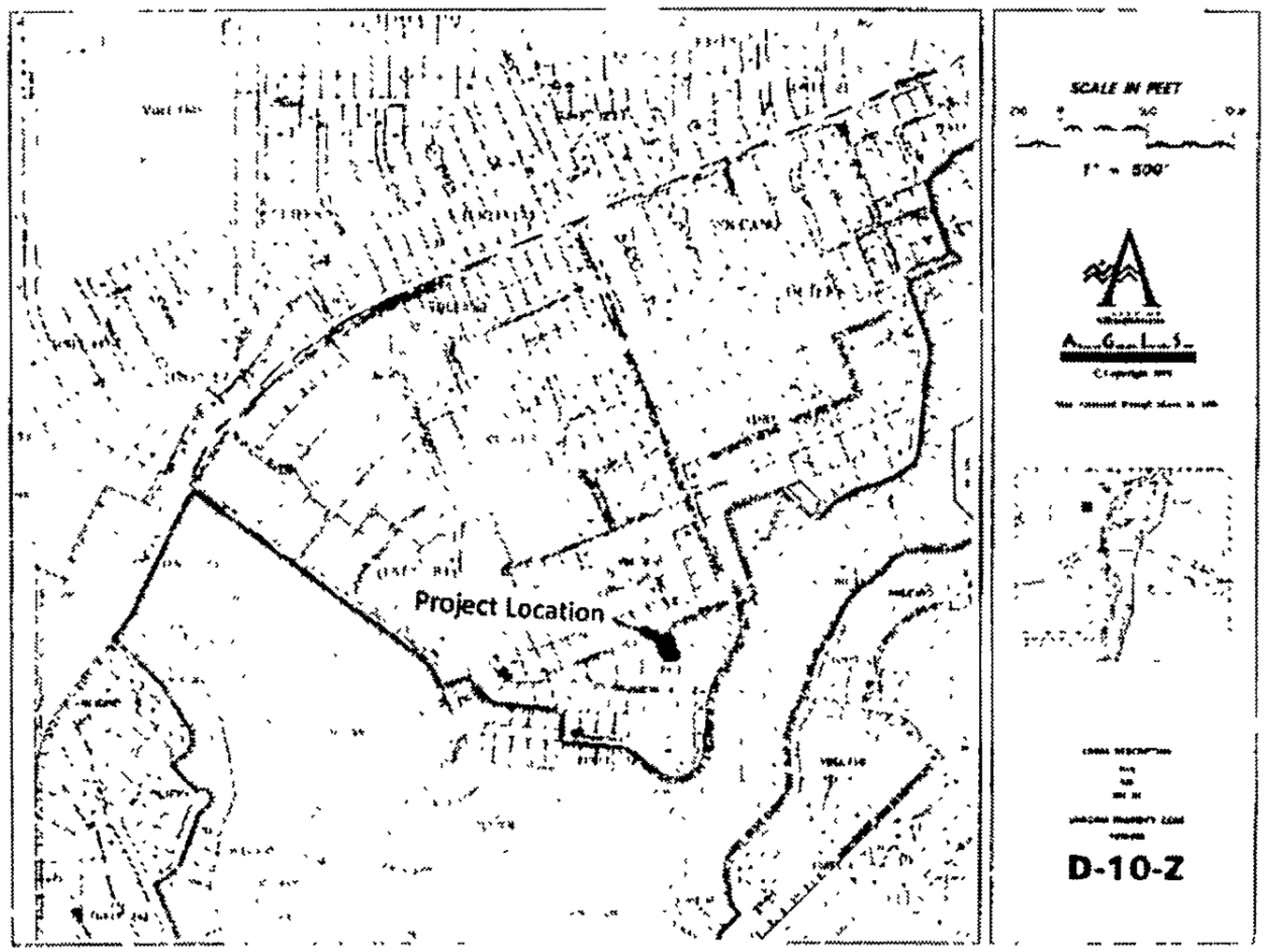
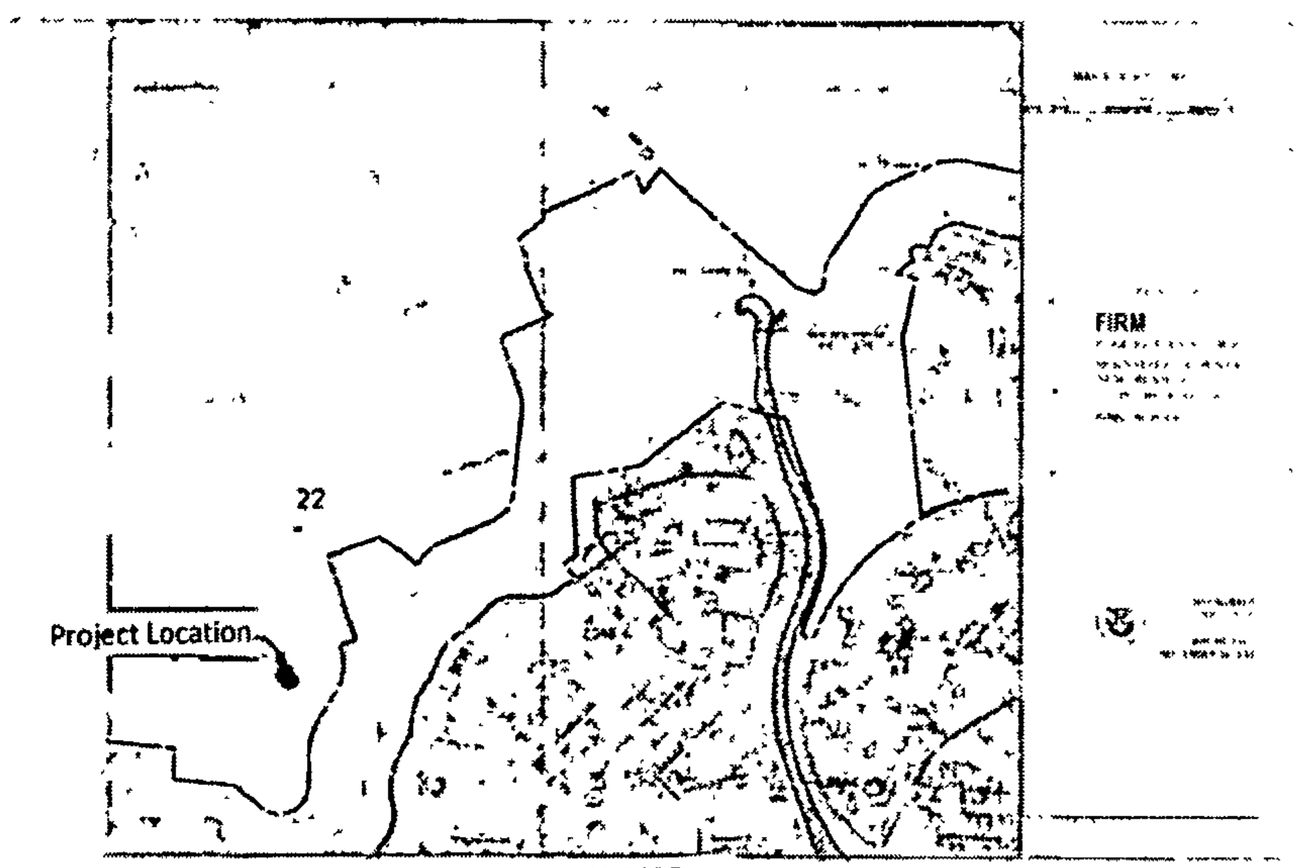
Zone Atlas Page

D-10-Z

Map Amended through January 21, 2003



VICINITY MAP



FEMA MAP

Narrative

Grading and Drainage Plan for the construction of the building pad for Lot 4, Block 3, Unit 19, Volcanc Cliff S Subdivision, being a part of SAD 228.
Address 6512 Vista del Prado, NW, Albuquerque, 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 400 cubi feet. The initial storage on site will be collected and held in the two landscape ponds near the street as shown on the Plan.

STEVEN J. METRO
NEW MEXICO
8220
REGISTERED PROFESSIONAL ENGINEER
4-24-15

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

GRADING AND DRAINAGE PLAN
LOT 4, BLOCK 3, UNIT 19, VC
ADDRESS: 6512 Vista del Prado,

SHEET 1 OF 2

CITY OF ALBUQUERQUE

August 4, 2015

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

RE: **Lot 4 Block 3 Unit 19 Volcano Cliffs**
6512 Vista Del Prado NW
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Engineers Stamp Date 7/24/15 (D10D003U4)

Dear Mr. Metro,

Based upon the information provided in your submittal received 7/24/2015, 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.

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

Sincerely,

Shahab Biazar, P.E.
City Engineer, Albuquerque
Planning Department

RR/SB
C: File

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

Send email with pdf to mortiz@cabq.gov

PLNDRSC@cabq.gov

City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: 6512 Vista del Prado, NW G+D Building Permit #: _____ City Drainage #: D10D003U3

DRB#: _____ EPC#. _____ Work Order#: _____

Legal Description: Lot 4, Block 3, Unit 19 Volcano Cliffs Subdivision

City Address: 6512 Vista del Prado, NW, Albuquerque, NM 87122

Engineering Firm: Metro Development, Inc. Contact: Steve Metro

Address: 8860 Desert Finch Ln NE, ABQ, NM 87122

Phone#: 505-280-4553 Fax#: 505-348-4055 E-mail: steve.metro@wilson.co

Owner: Abrazo Homes Contact: Mackenzie Bishop

Address: PO Box 65808

Phone#: 505-265-0915 Fax#: _____ E-mail: mackenzie@abrazohomes.com

Architect: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Surveyor: Metro Development, Inc. Contact: Steve Metro

Address: 8860 Desert Finch Ln NE, ABQ, NM 87122

Phone#: _____ Fax#: _____ E-mail: steve.metro@wilson.co

Contractor: Guymon Construction Solutions LLC Contact: Rudy Guymon

Address: 6020 Industry Way ABQ NM 87105

Phone#: 505-452-0663 Fax#: 505-452-0664 E-mail: rudy@guymoncs.com

TYPE OF SUBMITTAL:

- ___ DRAINAGE REPORT
- X DRAINAGE PLAN 1st SUBMITTAL
- ___ DRAINAGE PLAN RESUBMITTAL
- ___ CONCEPTUAL G & D PLAN
- ___ GRADING PLAN
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- ___ PAVING PERMIT APPROVAL
- ___ WORK ORDER APPROVAL
- ___ GRADING CERTIFICATION
- ___ SO-19 APPROVAL
- ___ ESC PERMIT APPROVAL
- ___ ESC CERT ACCEPTANCE
- ___ OTHER (SPECIFY)

Varified

RECEIVED
JUL 24 2015
LAND DEVELOPMENT SECTION

Paid $150.00

WAS A PRE-DESIGN CONFERENCE ATTENDED ___ Yes X No ___ Copy Provided

DATE SUBMITTED. 7-24-15 By: Steve Metro

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 followin

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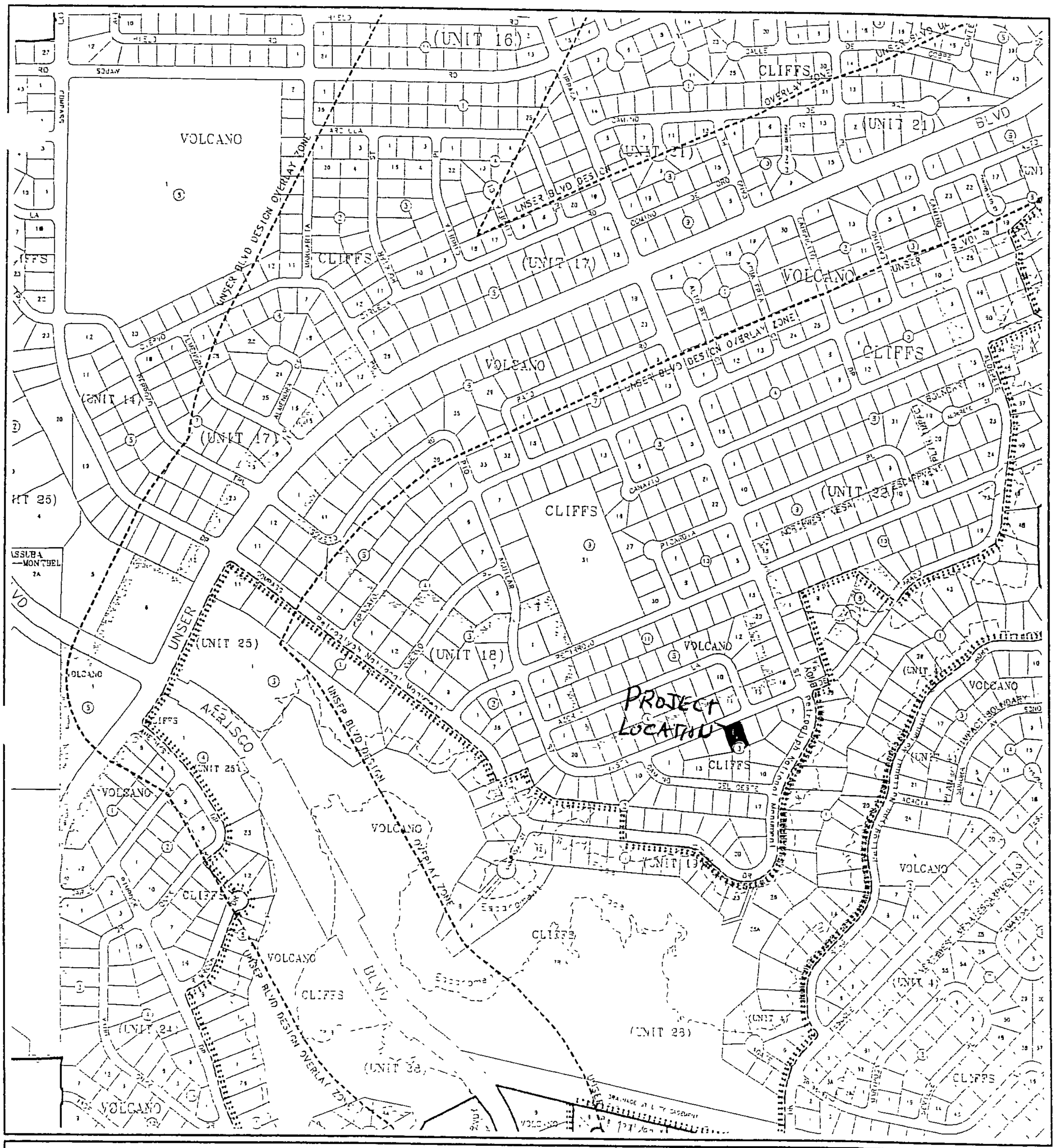

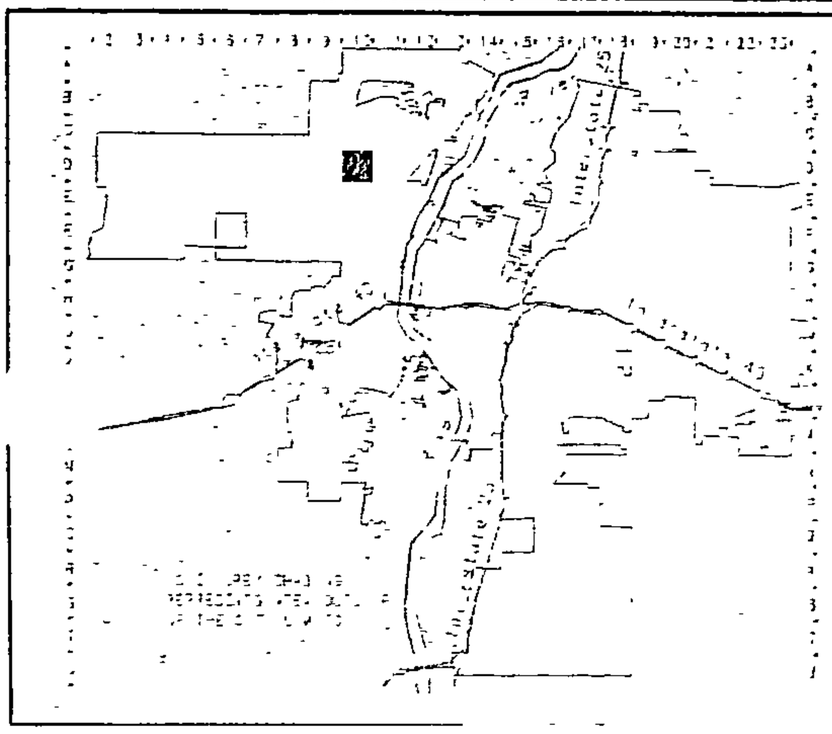

CITY OF
Albuquerque

A G I S
PLANNING DEPARTMENT

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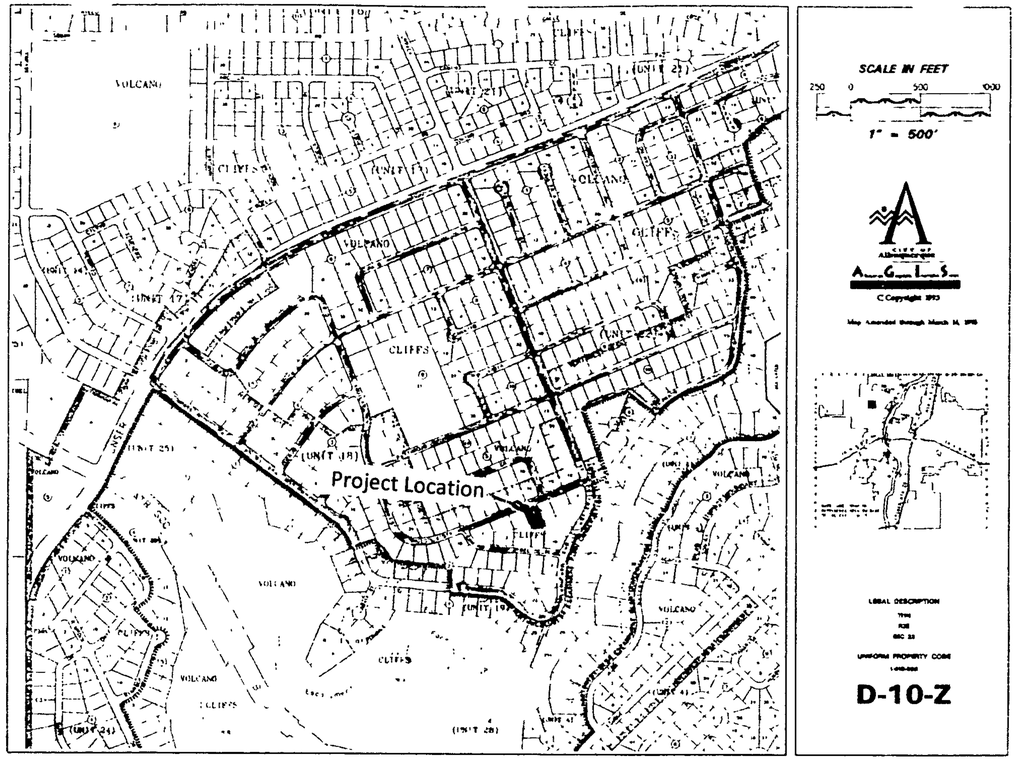
GRAPHIC SCALE IN FEET

250 0 750 1000

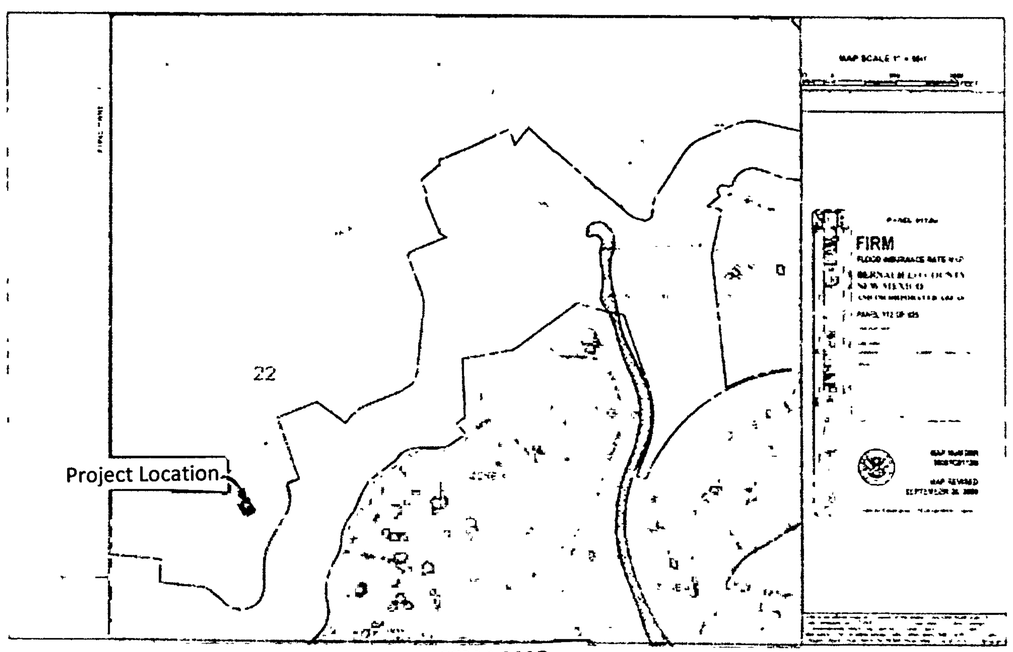
Zone Atlas Page

D-10-Z

Map Amended through January 21, 2003



VICINITY MAP



FEMA MAP

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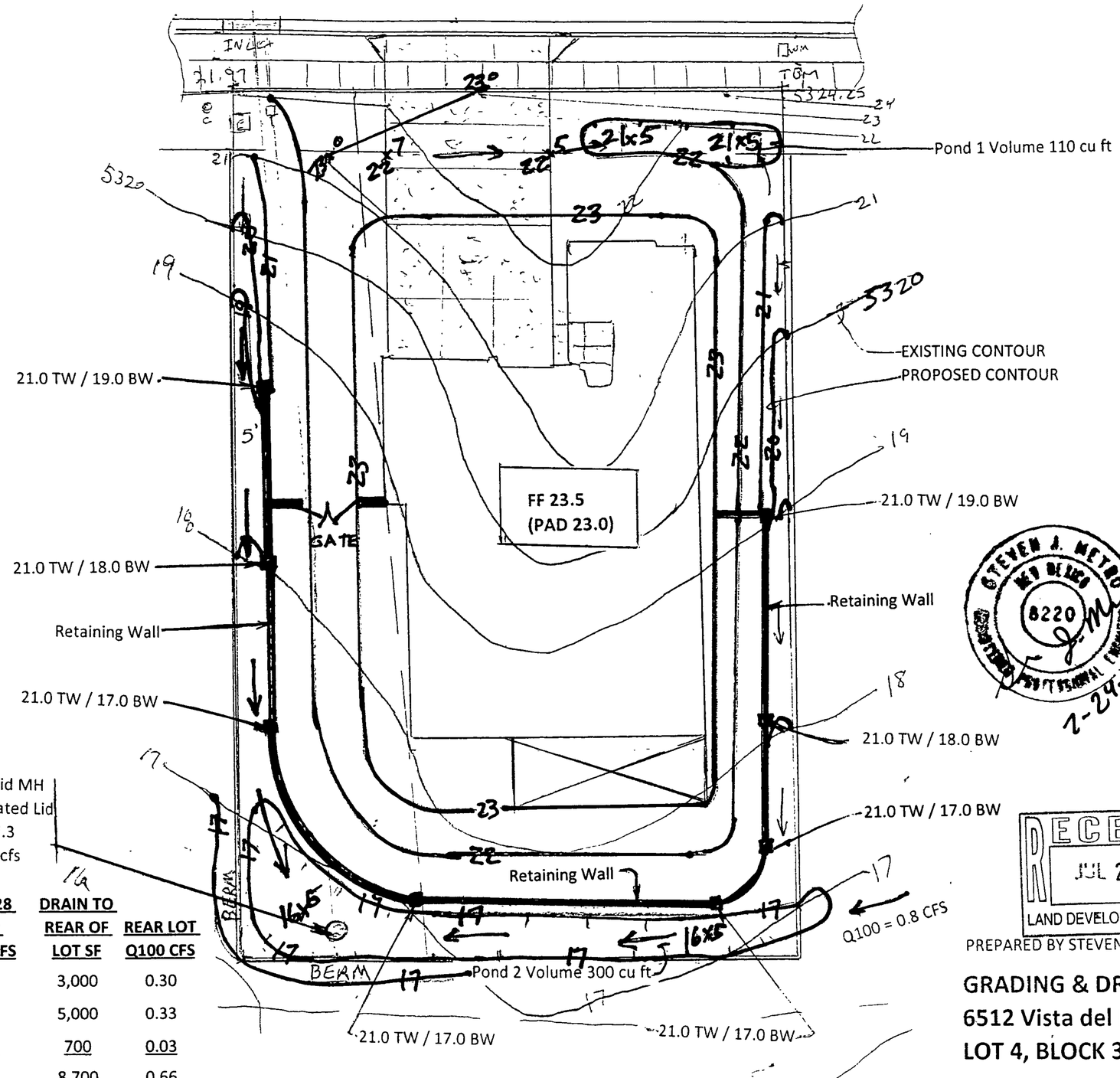
STEVEN J. METRO
NEW MEXICO
8220
REGISTERED PROFESSIONAL ENGINEER
7-24-15

RECEIVED
JUL 24 2015
LAND DEVELOPMENT SECTION

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

GRADING AND DRAINAGE PLAN
LOT 4, BLOCK 3, UNIT 19, VCS
ADDRESS: 6512 Vista del Prado, NW

VISTA DEL PRADO NW
(50' R/W)



LOT 4, BLOCK 3, UNIT 19 VCS	AREA LOT SF	%	SAD 228 DMP %	Q100 CFS / ACRE ZONE 1	TOTAL PROP Q100 CFS	SAD 228 DMP Q100 CFS	DRAIN TO REAR OF LOT SF	REAR LOT Q100 CFS
YPE D	5,850	42%	50	4.37	0.59	0.70	3,000	0.30
YPE C	6,665	48%	40	2.87	0.44	0.37	5,000	0.33
YPE B	1,400	10%	10	2.03	0.07	0.06	700	0.03
	13915	100%	100		1.09	1.13	8,700	0.66

STEVEN J. METRO
NEW MEXICO
8220
PROFESSIONAL ENGINEER
7-24-15

RECEIVED
JUL 24 2015
LAND DEVELOPMENT SECTION

PREPARED BY STEVEN J. METRO, PE AND PS

GRADING & DRAINAGE PLAN
6512 Vista del Prado, NW
LOT 4, BLOCK 3, UNIT 19 VCS

Metro, Steven J.

From: Metro, Steven J.
Sent: Friday, July 24, 2015 3:19 PM
To: 'PLNDRS@cabq.gov'
Cc: 'Mackenzie Bishop'
Subject: G&D Submittal 6512 Vista del Prado NW - Lot 4, Block 3, Unit 19 VCS
Attachments: 6612 Vista del Prado NW L4B3U19 G-D.pdf

Being submitted to you is the G&D Plan for 6612 Vista del Prado, NW – Lot 4, Block 3, Unit 19 Volcano Cliffs Subdivision. I will deliver this afternoon.
Steve Metro

RECEIVED
JUL 24 2015
LAND DEVELOPMENT SECTION