

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

www.cabq.gov

Sincerely,

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

RR/AC
C: File

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
Grading and Drainage Plan
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

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

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 ²⁰~~14~~, 2016

DRAINAGE CERTIFICATION WITH VERIFICATION BY ENGINEER OF RECORD

1-14-2016

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 CERTIFICATE 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.

 1-20-16
Steven J. Metro, NMPE 8220 and NMPS 10025



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

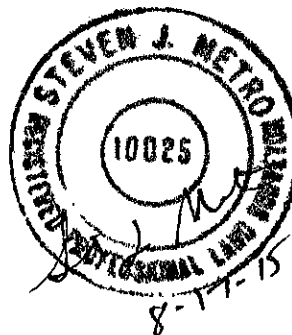
**DRAINAGE CERTIFICATION WITH VERIFICATION BY ENGINEER OF RECORD
8-14-2015
DRAINAGE CERTIFICATION**

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



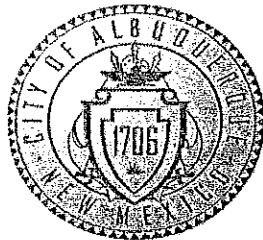


FIELD DENSITY TESTS
TROXLER 3400 SERIES
MOISTURE-DENSITY GAUGE

JOB NO: _____
PROJECT: SAD 228
CLIENT: _____
CONTRACTOR: _____

DATE: 14 August 15
TESTED BY: WJL
METER NO: 19640
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			

PLNDRSe 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, APO, NM 87122
 Phone#: 505-280-4553 Fax#: 505-348-4055 E-mail: steve.metro@wilsonco.com
 Owner: Abramo Homes Contact: Mackenzie Bishop
 Address: PO Box 65808
 Phone#: 505-267-0915 Fax#: _____ E-mail: mackenzie@abrahamhomes.com
 Architect: _____ Contact: _____
 Address: _____
 Phone#: _____ Fax#: _____ E-mail: _____
 Surveyor: Metro Development, Inc. Contact: Steve Metro
 Address: 8860 Desert Finch Ln NE, APO, NM 87122
 Phone#: _____ Fax#: _____ E-mail: steve.metro@wilsonco.com
 Contractor: Guyman Construction Solutions LLC Contact: Rudy Guyman
 Address: 6020 Industry Way APO NM 87105
 Phone#: 505-452-0663 Fax#: 505-452-0664 E-mail: rudy@guymanco.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) _____

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

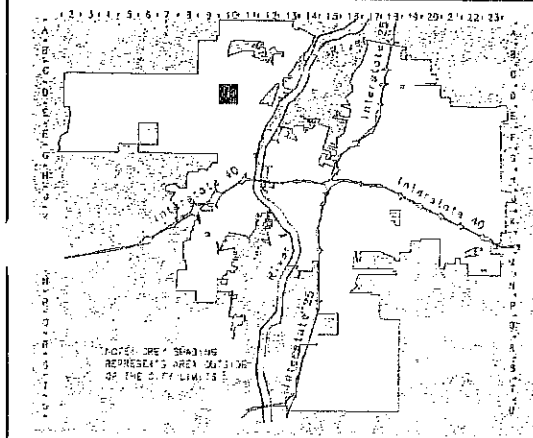
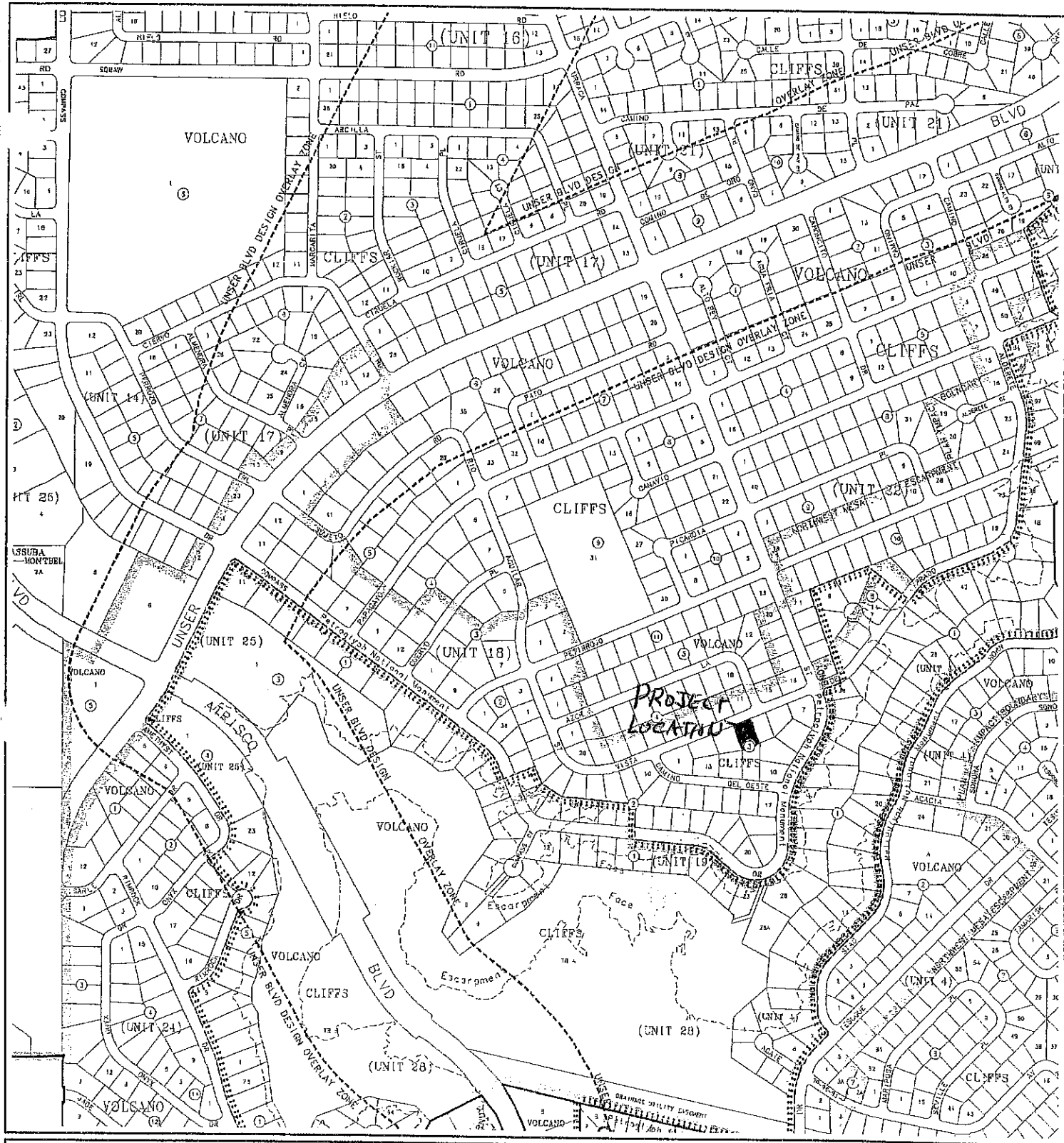
- ☐ SIA/FINANCIAL GUARANTEE RELEASE
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D APPROVAL
☐ S. DEV. FOR BLDG. PERMIT APPROVAL
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ CERTIFICATE OF OCCUPANCY (PERM)
☐ CERTIFICATE OF OCCUPANCY (TCL TEMP)
☐ FOUNDATION PERMIT APPROVAL
☒ BUILDING PERMIT APPROVAL
☐ 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 ☒ No _____ Copy Provided _____

DATE SUBMITTED: 7-24-15 By: Steve Metro [Signature]

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

A **G** **I** **S**
PLANNING DEPARTMENT

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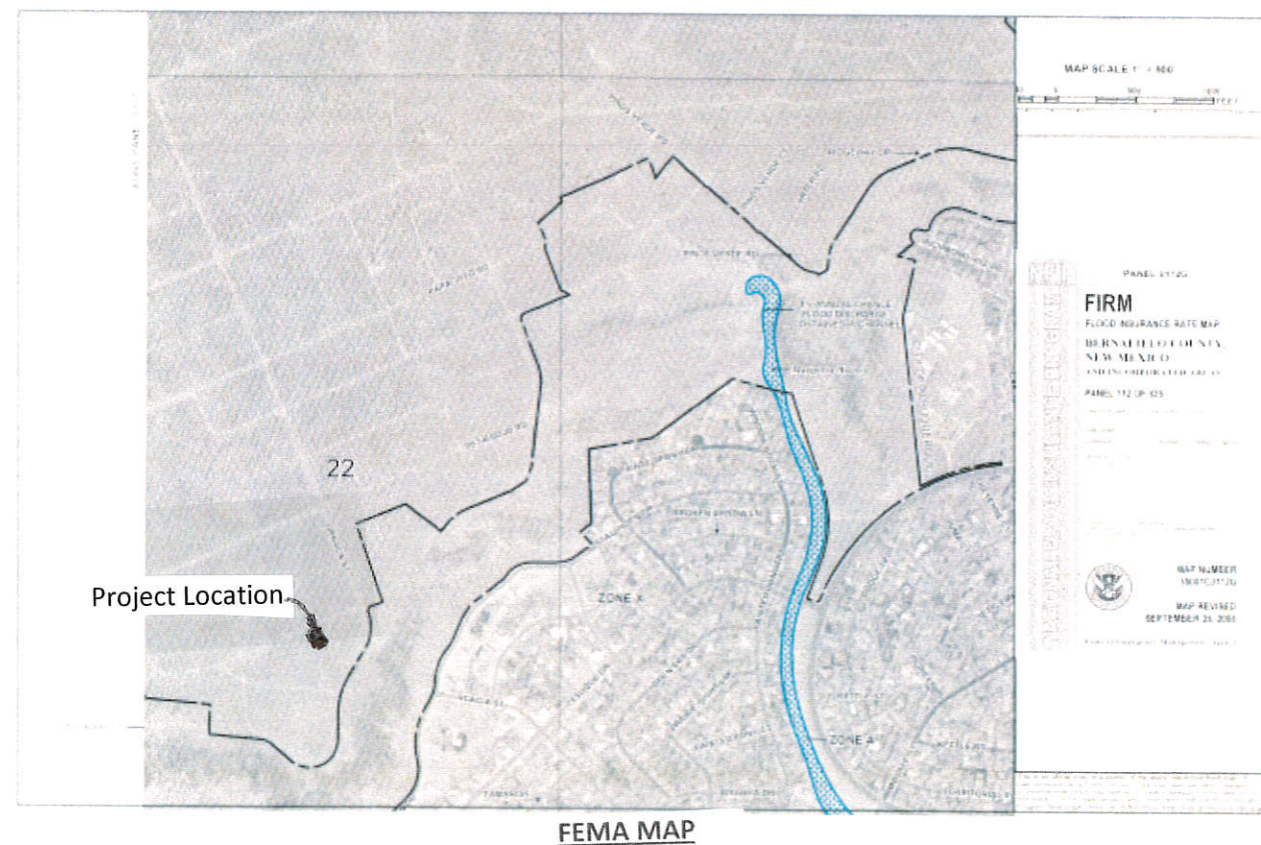
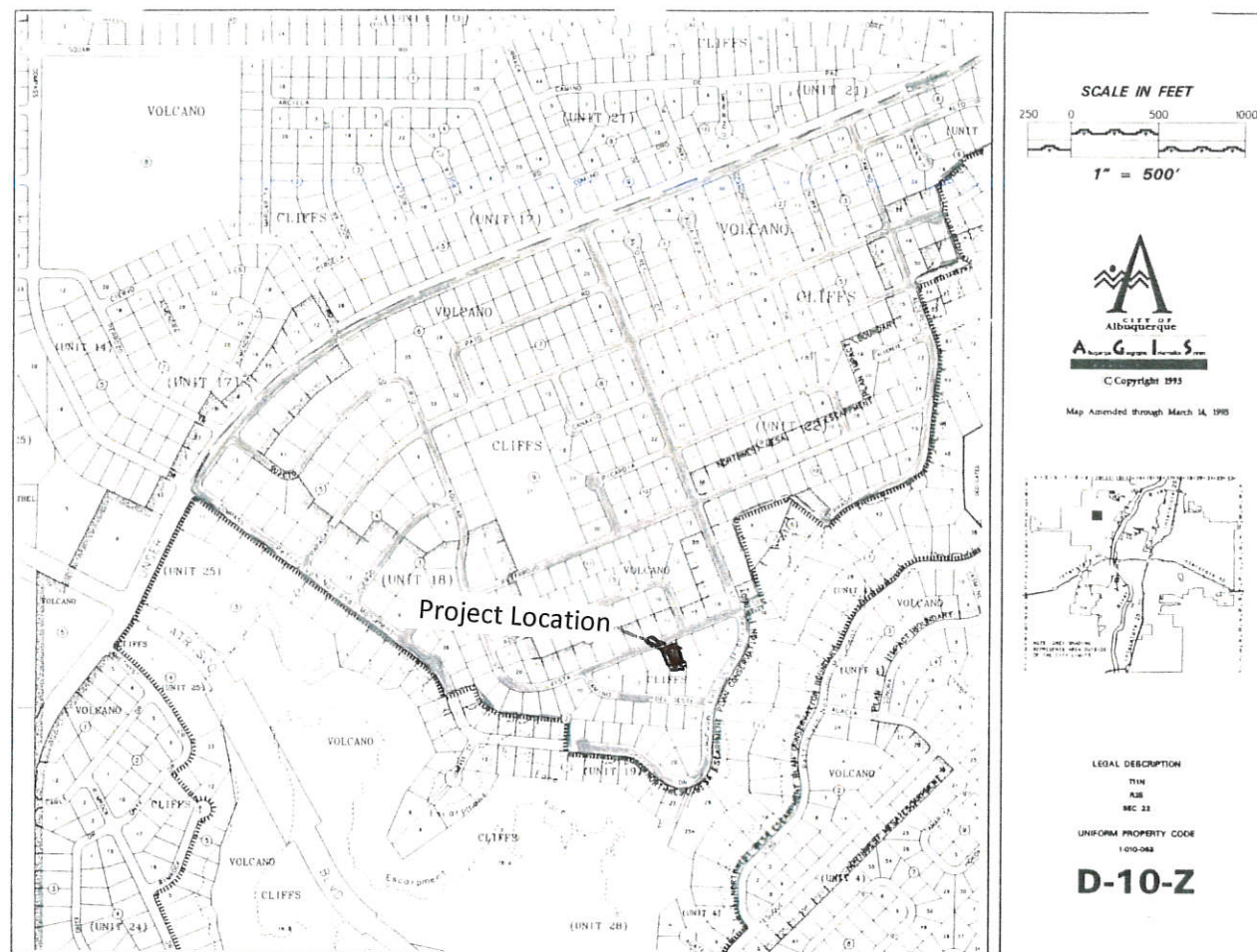
GRAPHIC SCALE IN FEET



Zone Atlas Page

D-10-Z

Map Amended through January 21, 2003



Narrative

Grading and Drainage Plan for the construction of the building pad for Lot 4, Block 3, Unit 19, Volcano 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 managed 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.



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

DRAINAGE CERTIFICATION

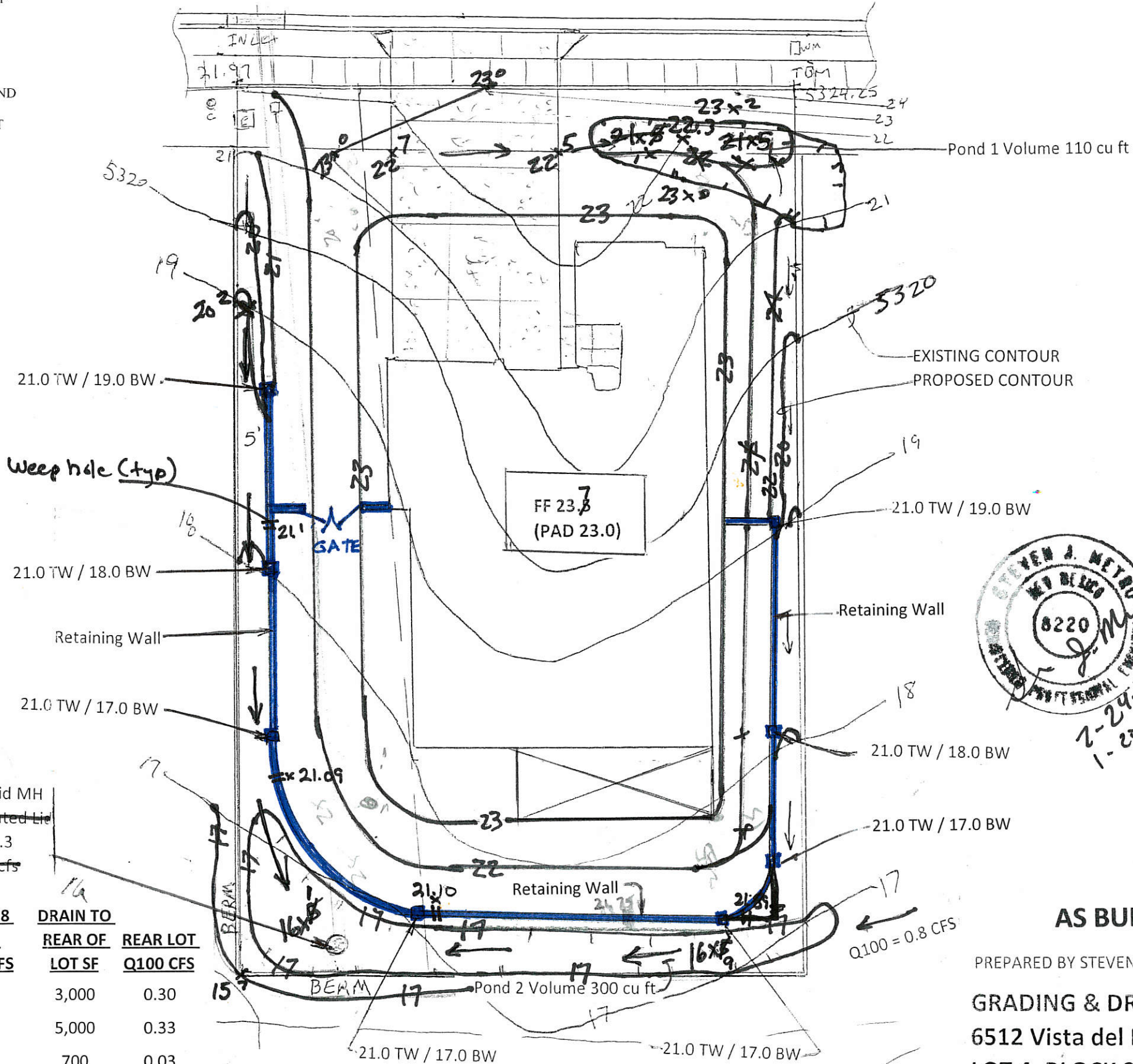
VISTA DEL PRADO NW
(50' R/W)

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.

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Sc J. Metro 1-20-16
Steven J. Metro, NMPE 8220 and NMPS 10025



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
TYPE D	5,850	42%	50	4.37	0.59	0.70	3,000	0.30
TYPE C	6,665	48%	40	2.87	0.44	0.37	5,000	0.33
TYPE 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

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