CITY OF ALBUQUERQUE

June 15, 2015

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

RE: **Lot 4 Block 6 Unit 19 Volcano Cliffs**
7820 Urraca St NW
Grading and Drainage Plan
Engineers Stamp Date 5/22/15 (D10D003F~~A~~)
2A

Dear Mr. Metro,

Based upon the information provided in your submittal received 5/22/2015, 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 924-3695 or Rudy Rael at 924-3977.

Sincerely,

Rita Harmon, P.E.
Senior Engineer, Hydrology
Planning Department

RR/RH
C: File

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

Send email with pdf to mortiz@cabq.gov

PLNDRS@cabq.gov

City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

24

Project Title: 7820 Urraca St. NW Building Permit #: _____ City Drainage #: D10D003F~~A~~

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

Legal Description: Lot 4, Block 6, Unit 19 Volcano Cliffs Subdivision

City Address: 7820 Urraca St. NW, ABQ NM

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@wilsonco.com

Owner: Lowe-Bo Homes LLC (for Cordes) Contact: Ted Lowe

Address: PO Box 94385, ABQ NM 87199

Phone#: 505-212-0011 Fax#: _____ E-mail: tedlowe@outlook.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@wilsonco.com

Contractor: Guyman Construction Solutions LLC Contact: Rudy Guyman

Address: 6020 Industry Way ABQ NM 87105

Phone#: 505-452-0663 Fax#: 505-452-0664 E-mail: rudy@guymancs.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)

RECEIVED MAY 22 2015 LAND DEVELOPMENT SECTION

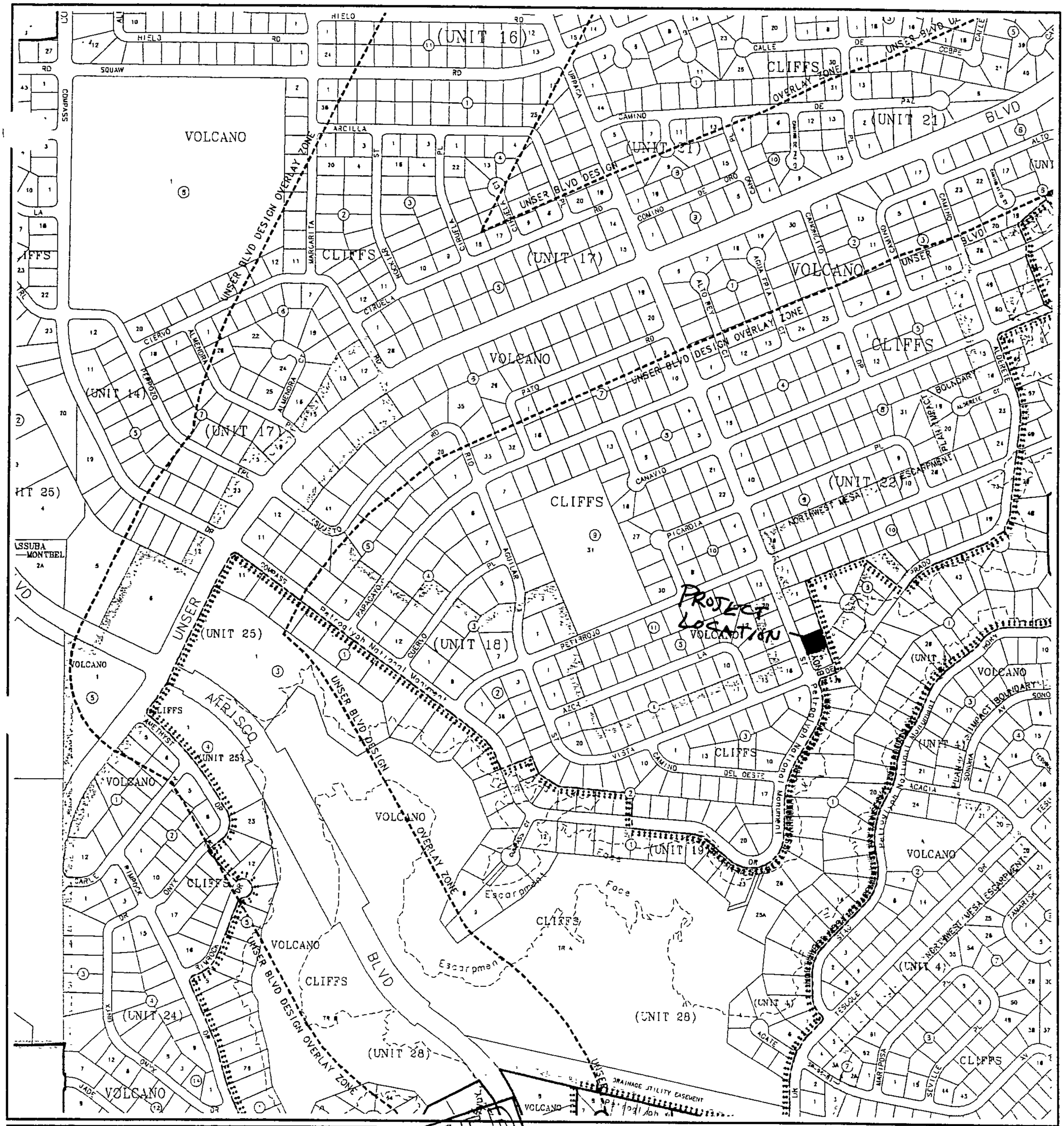
$50.00

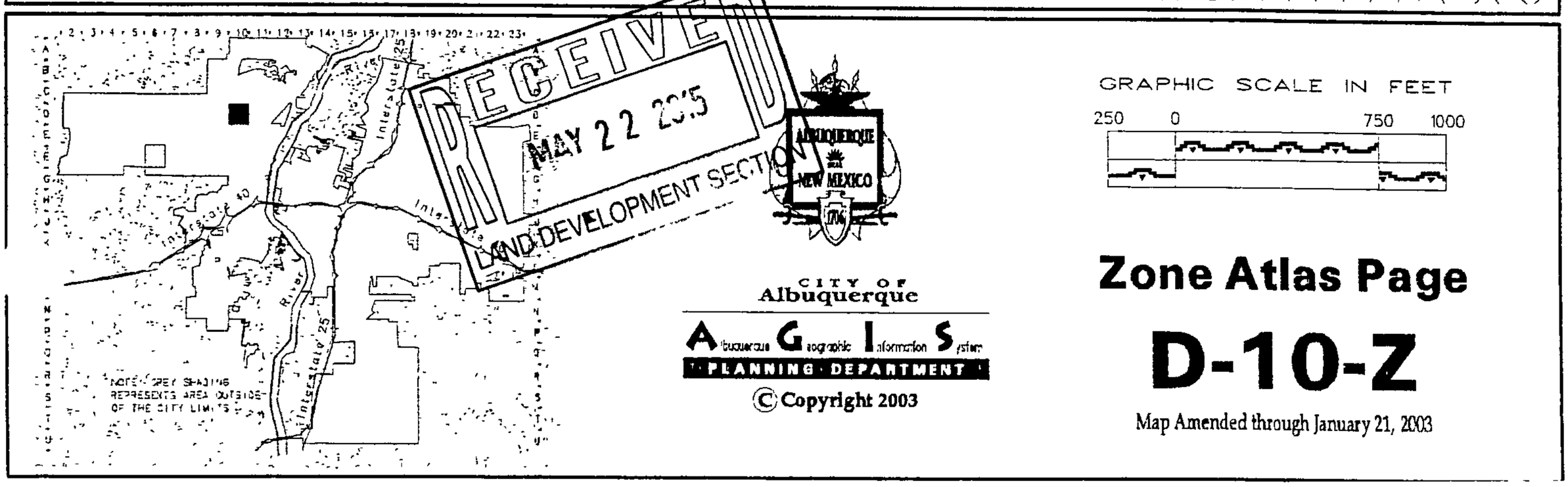
WAS A PRE-DESIGN CONFERENCE ATTENDED: ____ Yes X No ____ Copy Provided

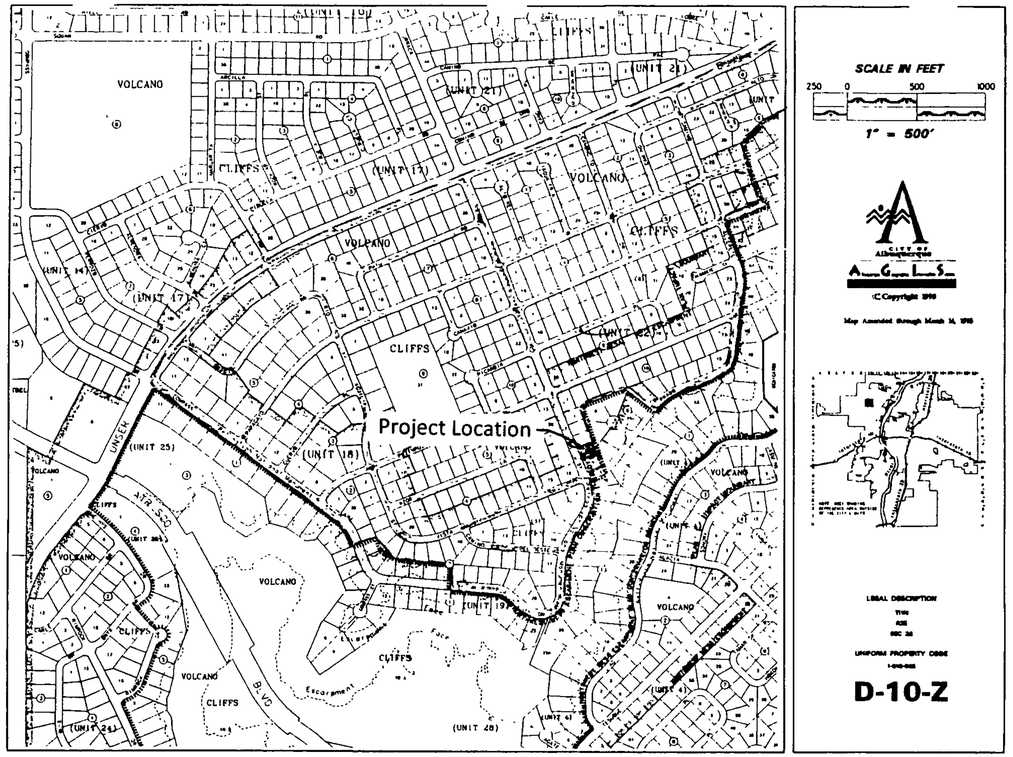
DATE SUBMITTED: 5-22-15 By: Steven J. Metro

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

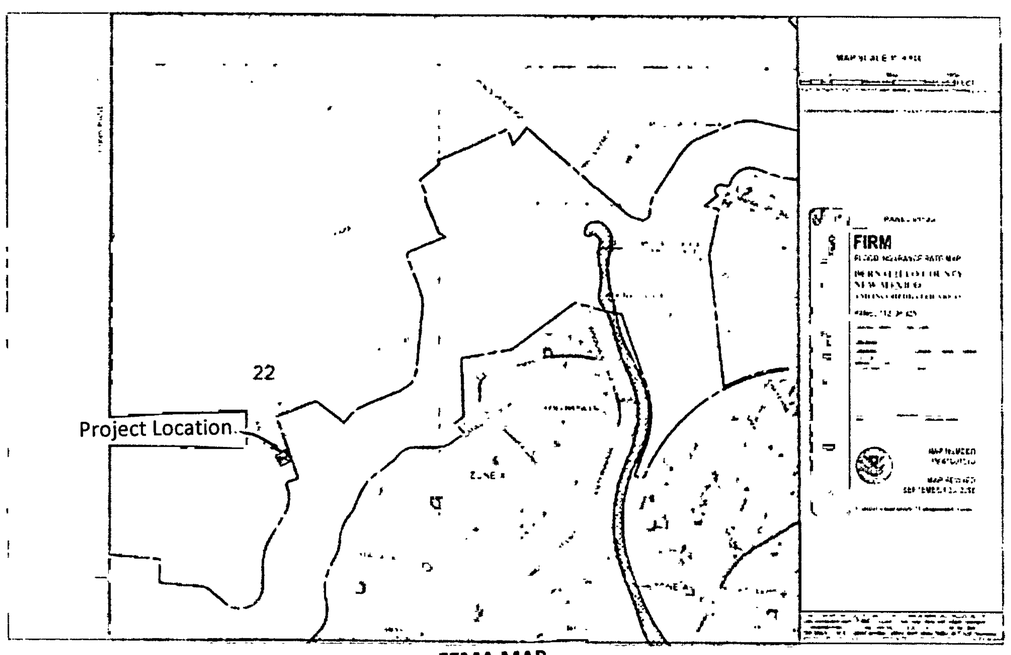
1. **Conceptual Grading and Drainage Plan**: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
2. **Drainage Plans**: Required for building permits, grading permits, paving permits and site plans less than five (5) acres
3. **Drainage Report**: Required for 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


VOLCANO
CLIFFS
(UNIT 16)
(UNIT 17)
(UNIT 14)
(UNIT 21)
(UNIT 22)
(UNIT 25)
(UNIT 18)
(UNIT 19)
(UNIT 24)
(UNIT 28)
(UNIT 4)
UNSER BLVD DESIGN OVERLAY ZONE
UNSER BLVD
Petroglyph National Monument
Escarpment
Face
DRAINAGE UTILITY EASEMENT
PROJECT LOCATION


RECEIVED
MAY 22 2005
LAND DEVELOPMENT SECTION
ALBUQUERQUE NEW MEXICO
GRAPHIC SCALE IN FEET
250 0 750 1000
CITY OF Albuquerque
Albuquerque Geographic Information System
PLANNING DEPARTMENT
© Copyright 2003
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 6, Unit 19, Volcano Cliff S Subdivision, being a part of SAD 228.
Address: 7820 Urraca St. 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 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.

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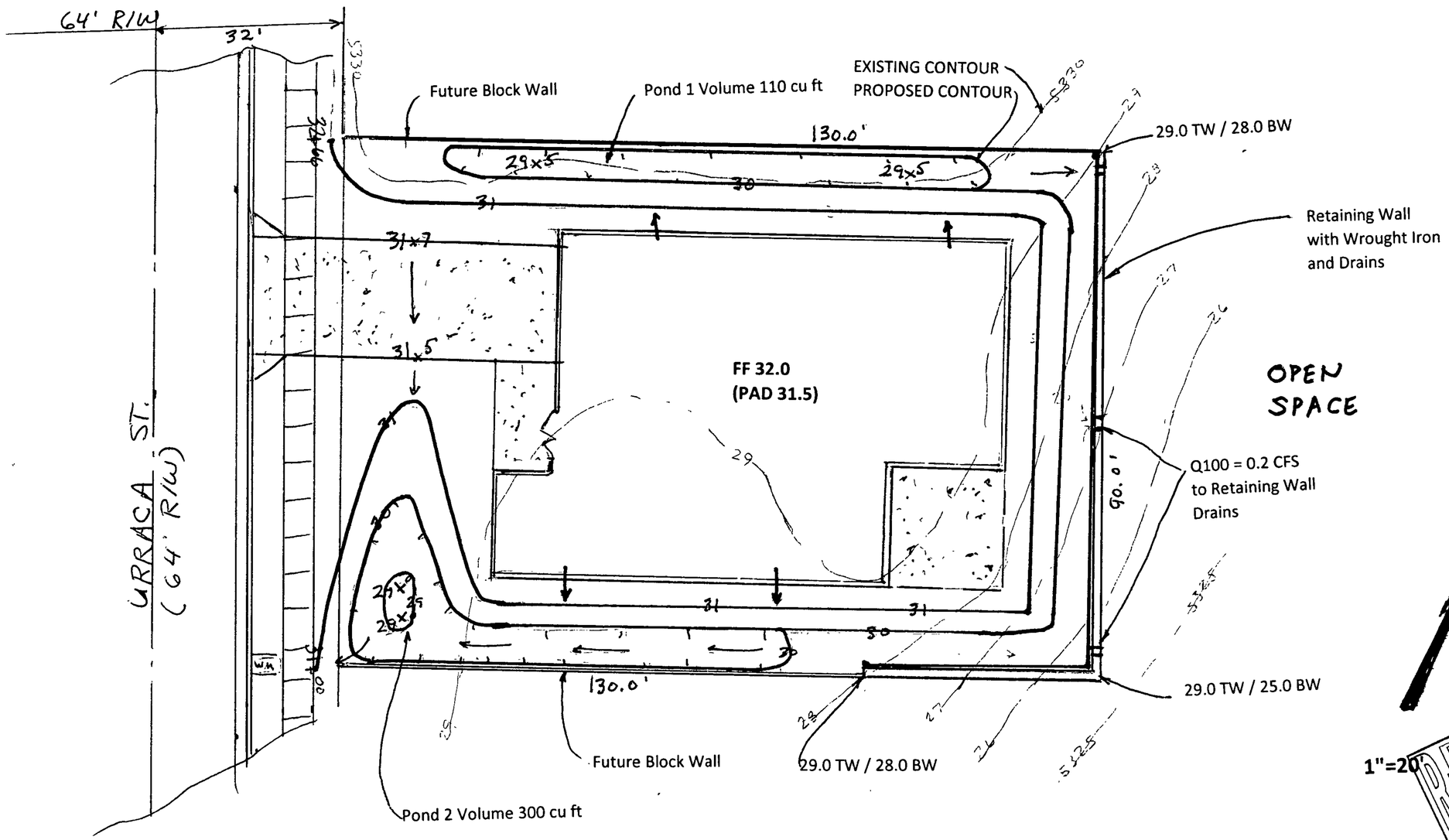
LAND DEVELOPMENT SECTION

STEVEN J. METRO
NEW MEXICO
8220
REGISTERED PROFESSIONAL ENGINEER
5-22-15

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

GRADING AND DRAINAGE PLAN
LOT 4 , BLOCK 6 , UNIT 19 , VCS
ADDRESS: 7820 Urraca St. NW

SHEET 1 OF 2



1"=20'

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LOT 4, BLOCK 6, 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	5,820	50%	50	4.37	0.58	0.59	800	0.08
TYPE C	4,700	40%	40	2.87	0.31	0.31	1,800	0.12
TYPE B	1,180	10%	10	2.03	0.05	0.05	100	0.00
	11700	100%	100		0.95	0.95	2,700	0.20

STEVEN J. METRO
NEW MEXICO
8220
PROFESSIONAL ENGINEER
5-22-15

PREPARED BY STEVEN J. METRO, PE AND PS

GRADING & DRAINAGE PLAN
7820 Urraca St. NW
LOT 4, BLOCK 6, UNIT 19 VCS

Sheet 2 of 2