

# CITY OF ALBUQUERQUE

Planning Department  
David Campbell, Director



Mayor Timothy M. Keller

December 19, 2018

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

RE: **Volcano Cliffs Subdivision Lot 7, Block 10, Unit 18**  
**6509 Petirrojo Rd. NW**  
**Grading and Drainage Plan**  
**Engineers Stamp Date 12/14/18 (D10D003P7)**

Dear Mr. Metro,

Based upon the information provided in your submittal received 12/14/18, this plan is approved for Building permit.

Please attach a copy of this approved plan to the construction sets in the permitting process prior to sign-off by Hydrology. Also, please advise the owner/contractor that a separate wall permit must be obtained and this approved grading plan dated 12/14/18 must be provided with the wall permit application. Also, please advise the contractor/owner that the ponds must stay in place or CO will not be granted.

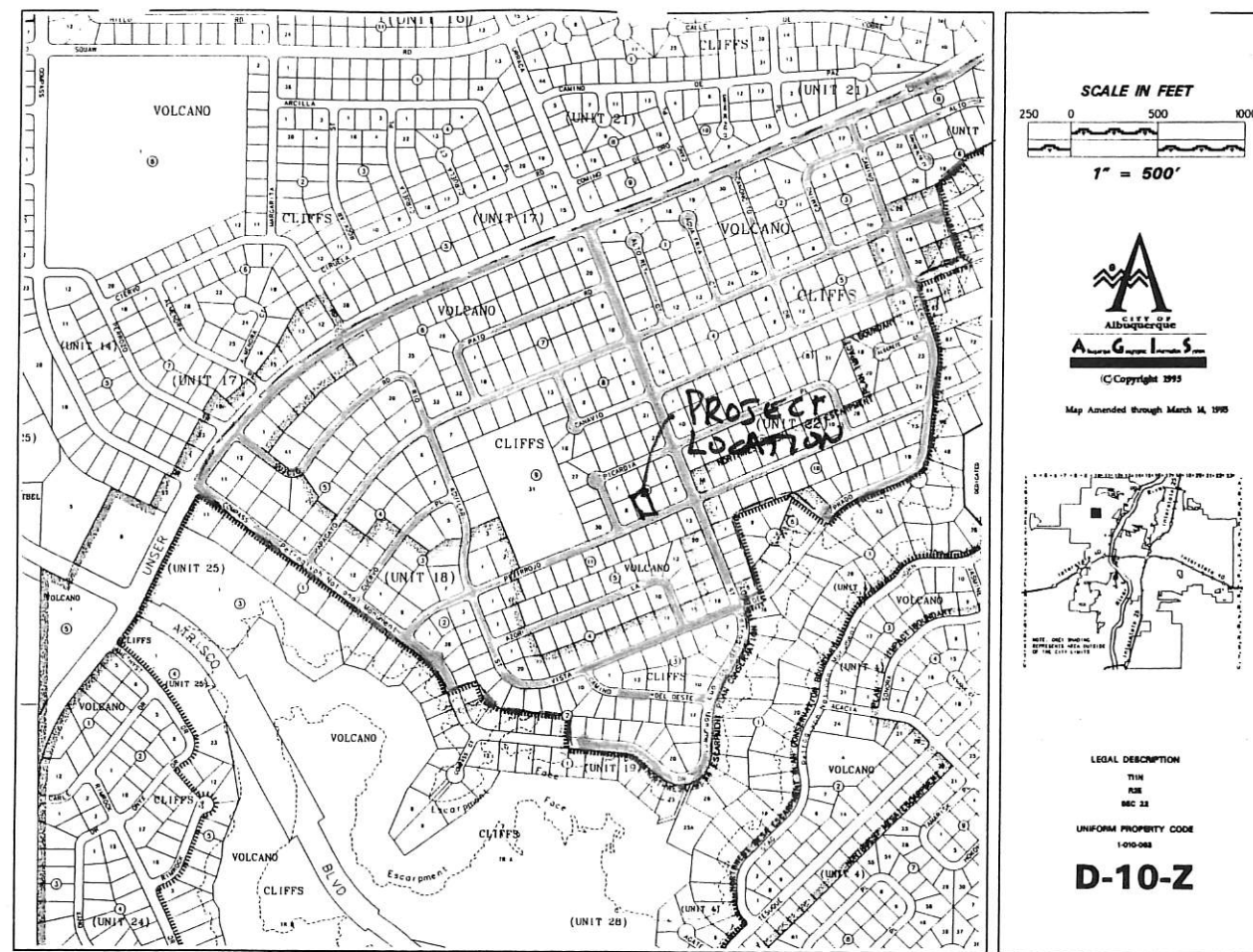
Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

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

Sincerely,

James D. Hughes, P.E.  
Principal Engineer, Hydrology  
Planning Department

RR/JDH  
C: File

VICINITY MAP

**Narrative**

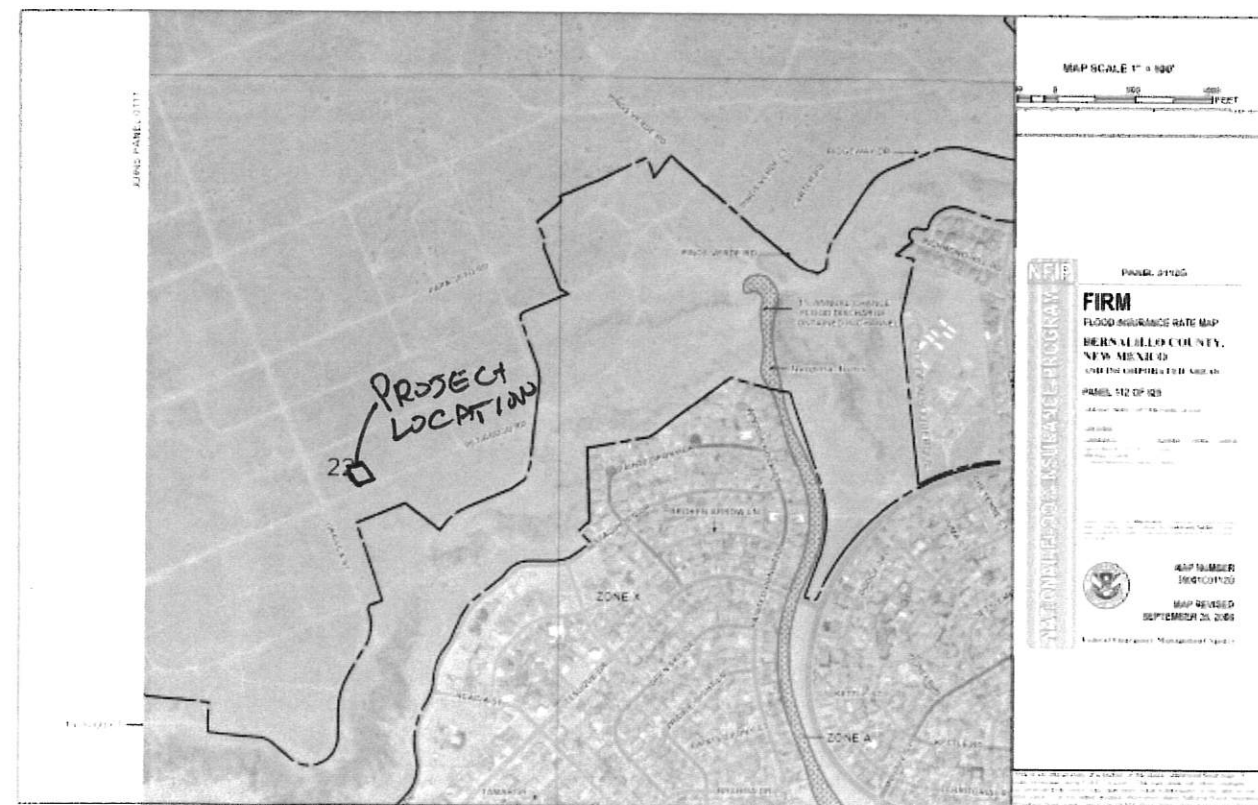
Grading and Drainage Plan for the construction of the building pad for Lot 7, Block 10, Unit 18, Volcano Cliff S Subdivision, being a part of SAD 228.

Address: 6509 PETIRROJO ROAD, NW, ABB, 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 480 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.

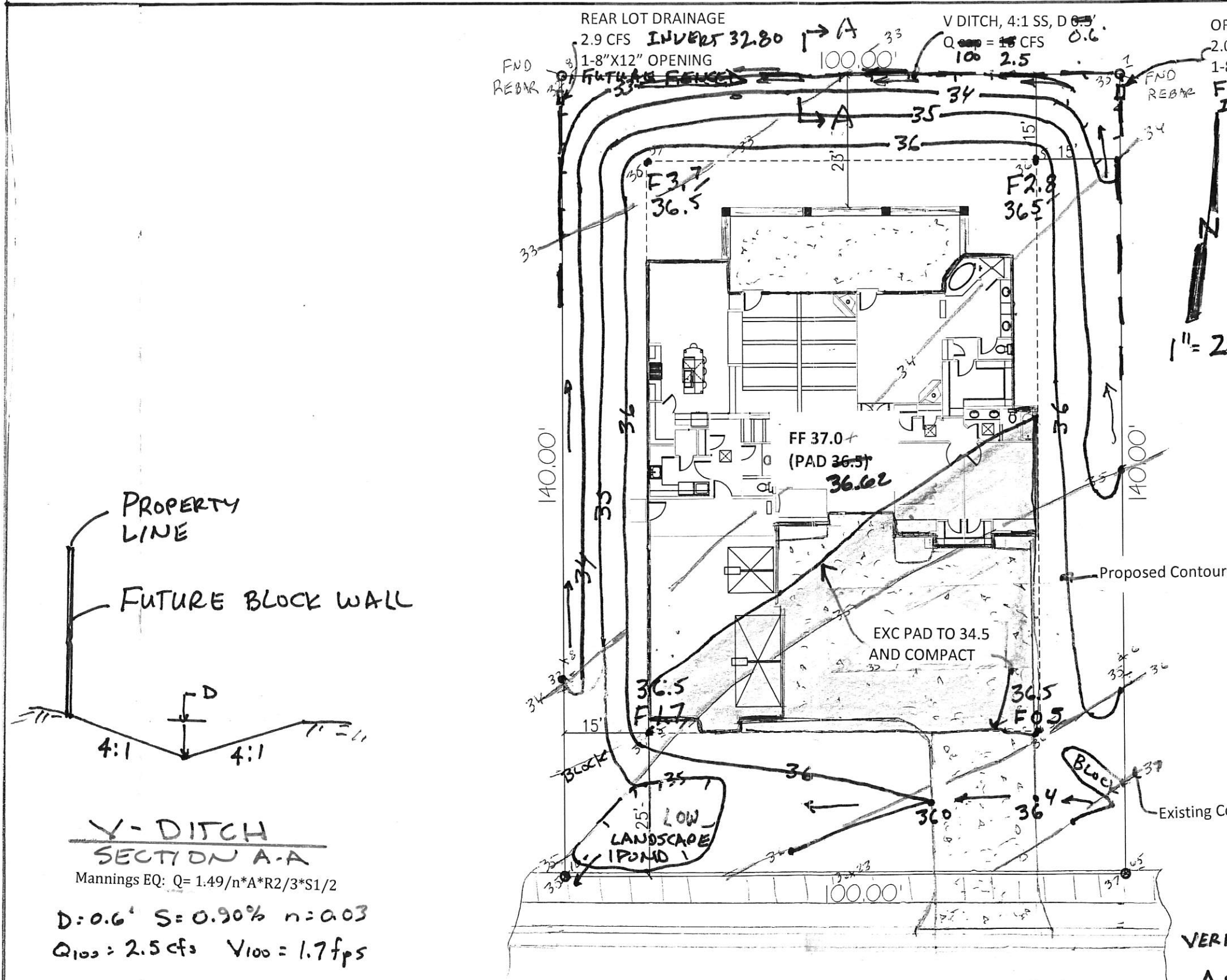


FEMA MAP



VERIFIED 12-14-18  
AS BUILT  
2-4-15

GRADING AND DRAINAGE PLAN  
LOT 7 , BLOCK 10 , UNIT 18 , VCS  
ADDRESS: 6509 PETIRROJO RD, NW



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 12-5-3015. 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 6509 Petirrojo Road, 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* 2-4-15  
Steven J. Metro, NMPE 8220 and NMPS 10025



Prepared by Steven J. Metro, PE and PS  
Wilson & Company

VERIFIED 12-14-18  
AS BUILT  
2-4-15  
Survey 1-24-15

LOT 7, BLOCK 10, UNIT 18 VCS  
6509 PETIRROJO ROAD, NW  
GRADING PLAN

COVER	AREA LOT		SAD 228 DMP %	Q100 CFS / ACRE	TOTAL PROP Q100 CFS	SAD 228 DMP Q100 CFS	DRAIN TO	
	SF	%					REAR OF LOT SF	REAR LOT Q100 CFS
TYPE D	6,662	48	50	4.37	0.67	0.70	5,600	0.56
TYPE C	5,338	14	40	2.87	0.35	0.37	5,338	0.35
TYPE B	2,000	38	10	2.03	0.09	0.07	0	0.00
	14000	100	100		1.11	1.14	10,938	0.91





# City of Albuquerque

Planning Department  
Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 6509 Petirrojo Rd NW <sup>G to Plan</sup> Building Permit #: \_\_\_\_\_ Hydrology File #: 010-D003P7

DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_

Legal Description: Lot 7, Block 10, Unit 18 Volcano Cliffs Subdivision ABQ, NM

City Address: 6509 Petirrojo Rd NW ABQ NM

Applicant: Unified Contractors Contact: Ivan Santistevan

Address: PO Box 93984

Phone#: 505-350-3324 Fax#: \_\_\_\_\_ E-mail: ivan@unifiedcontractors.com

Other Contact: Wilson & Company Contact: Steve Metro

Address: 4401 Masthead St NE Ste 150

Phone#: 505-280-4553 Fax#: 505-348-4055 E-mail: Steve.Metro@wilsonco.com

TYPE OF DEVELOPMENT: \_\_\_\_\_ PLAT (# of lots) ☒ RESIDENCE \_\_\_\_\_ DRB SITE \_\_\_\_\_ ADMIN SITE

IS THIS A RESUBMITTAL? \_\_\_\_\_ Yes ☒ No

DEPARTMENT \_\_\_\_\_ TRANSPORTATION \_\_\_\_\_ HYDROLOGY/DRAINAGE

Check all that Apply:

### TYPE OF SUBMITTAL:

- ☐ ENGINEER/ARCHITECT CERTIFICATION
- ☒ PAD CERTIFICATION
- ☐ CONCEPTUAL G & D PLAN
- ☐ GRADING PLAN
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE MASTER PLAN
- ☐ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- ☐ ELEVATION CERTIFICATE
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ TRAFFIC IMPACT STUDY (TIS)
- ☐ STREET LIGHT LAYOUT
- ☐ OTHER (SPECIFY) \_\_\_\_\_
- ☐ PRE-DESIGN MEETING?

### TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☒ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ SITE PLAN FOR SUB'D APPROVAL
- ☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ SO-19 APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ GRADING/ PAD CERTIFICATION
- ☐ WORK ORDER APPROVAL
- ☐ CLOMR/LOMR
- ☐ FLOODPLAIN DEVELOPMENT PERMIT
- ☐ OTHER (SPECIFY) \_\_\_\_\_

DATE SUBMITTED: 12-14-18 By: [Signature]

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: \_\_\_\_\_

FEE PAID: \_\_\_\_\_

# CITY OF ALBUQUERQUE



December 15, 2014

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

RE: **SAD 228, Lot 7 Block 10**  
**6509 Petirrojo Rd. NW**  
**Grading and Drainage Plan**  
**Engineers Stamp Date 12/8/14 (D10-D003P7)**

Dear Mr. Metro,

Based upon the information provided in your submittal received 12/8/14, 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,

Curtis Cherne, P.E.  
Principal Engineer, Hydrology  
Planning Department

[www.cabq.gov](http://www.cabq.gov)

RR/CC  
C: File

**WILSON**  
**& COMPANY**  
ENGINEERS & ARCHITECTS

FIELD DENSITY TEST  
 MOISTURE DENSITY GAUGE

6509 Petirrojo Rd NW, ABQ NM

JOB NO. 08 400 104 02  
 PROJECT SAD 228  
 CLIENT \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_

DATE 1/5/2015  
 TESTED BY Timothy Sanchez  
 METER NO. 19640  
 SHEET 1 OF 1

TEST NUMBER	1					REMARKS
% COMPACTION REQUIRED	95.0					
% MOISTURE REQUIRED	9.0					
CONTACT						
AIR GAP (CPM)						
MOISTURE	6.7					
DENSITY STUDY COUNT	132.1					
MOISTURE (CPM)	97					
% MOISTURE	5.3					
BULK						
DRY DENSITY	125.4					
% (BULK) ASPHALT DENSITY						
% DRY DENSITY	100.0	✓				
TOP LIFT						
% TOP LIFT DENSITY						
LOCATION / ELEVATION	FINISHED GRADE.					