



Mayor Timothy M. Keller

March 21, 2022

David Soule, PE
Rio Grande Engineering
1606 Central SE Suite 201
Albuquerque, NM 87106

**RE: Lot 28 Block 10 Unit 18 SAD 228
6523 Picardia Pl. NW
Volcano Cliffs Subdivision
Grading and Drainage Plan
Engineers Stamp Date 5/10/2021 (D10D003I28)
Pad Cert. Date: 6/21/21
CO Certification Date: 3/4/22**

PO Box 1293

Mr. Soule,

Albuquerque

Based on the Certification received on 3/18/2022, the site is acceptable for release of Certificate of Occupancy by Hydrology.

NM 87103

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

www.cabq.gov

Sincerely,

Ernest Armijo, P.E.
Principal Engineer, Planning Dept.
Development Review Services



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 6523 PICARDIA **Building Permit #:** _____ **Hydrology File #:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: LOT 28, Block 10 VOLCANO CLIFFS UNIT 18
City Address: 6523 PICARDIA

Applicant: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Other Contact: RIO GRANDE ENGINEERING **Contact:** DAVID SOULE
Address: PO BOX 93924 ALB NM 87199
Phone#: 505.321.9099 **Fax#:** 505.872.0999 **E-mail:** david@riograndeengineering.com

TYPE OF DEVELOPMENT: _____ PLAT ☒ RESIDENCE _____ DRB SITE _____ ADMIN SITE

Check all that Apply:

DEPARTMENT:
☒ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION

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?

IS THIS A RESUBMITTAL?: _____ Yes ☒ No

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: _____ **By:** _____

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

David Soule

From: Wade Wingfield [wade@sunvalleycustomhomes.com]

Sent: Monday, March 07, 2022 10:26 AM

To: David Soule; Frank Gonzales

Subject: Fwd:

Owner of lot next to 6523 Picardia.

----- Forwarded message -----

From: <rdbofficefurn@aol.com>

Date: Mon, Mar 7, 2022 at 9:57 AM

Subject:

To: <wade@sunvalleycustomhomes.com>

To whom it may concern:

I Raymond D Barreras owner of lot # 29 located at 6527 Picardia PL. NW Albuquerque ,NM 87121 did grant permission to Mr. Wade Wingfield Owner of Sun Valley Homes to allow excess fill dirt to flow over onto my property.

Thank You,

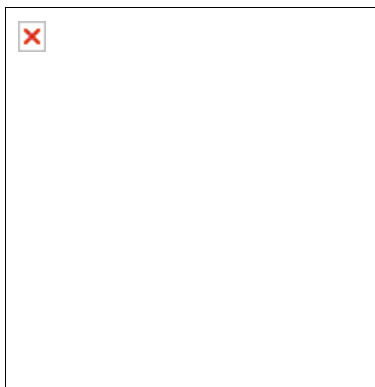
Raymond D. Barreras

505-242-2818 Work

505-350-5073 Cell

505-83656-84 Home

--



Wade Wingfield, Owner
505-321-0769
Sun Valley Building Enterprises, LLC
dba Sun Valley Custom Homes, LLC
P.O. Box 1070, Corrales, NM 87048
www.sunvalleycustomhomes.com

3/7/2022

Basin	Area (sf)	Area (acres)	100-Year, 6-hr.					Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	24 hour			
			Treatment A (acres)	Treatment B (acres)	Treatment C (acres)	Treatment D (acres)	Volume (ac-ft)							
ALLOWED PROPOSED COMPARISON	15386.00	0.353	0%	0	24%	0.085	40%	0.1413	36%	0.127	1.362	0.040	1.11	0.049
	15386.00	0.353	0%	0	23%	0.081	36%	0.1342	39%	0.138	1.403	0.041	1.13	0.050
											0.001			0.002

Where for 100-year, 6-hour storm- zone 1

Ea= 0.55	Qa= 1.54
Eb= 0.73	Qb= 2.16
Ec= 0.95	Qc= 2.87
Ed= 2.24	Qd= 4.12

FIRST FLUSH WATER QUALITY VOLUME

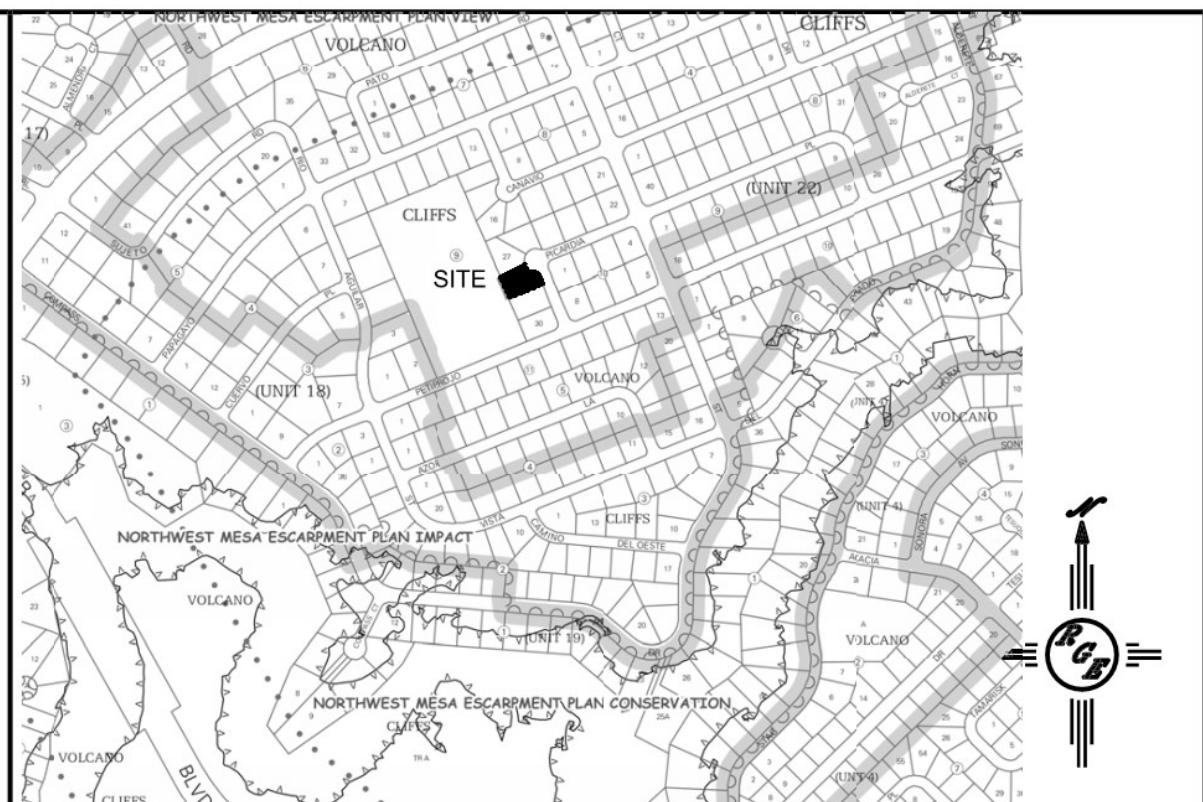
	REQUIRED (CF)	PROVIDED (CF)
WATER QUALITY	0	910
FLOOD CONTROL	83	910

This site is within the SAD 228 Master Drainage plan boundaries. The site is to maintain existing patterns and drain to the adjacent roadway per the master drainage plan. The site does exceed the SAD 228 developed conditions assumptions, therefore ponding of 83% is required. The site drains the improved portion of the development to the street and allows rear yard to drain to back and ponds, overflowing to historic outfall We are ponding the water harvest volume generated by the site. Upland flows do not impact this site. This plan is in conformance to the master drainage plan

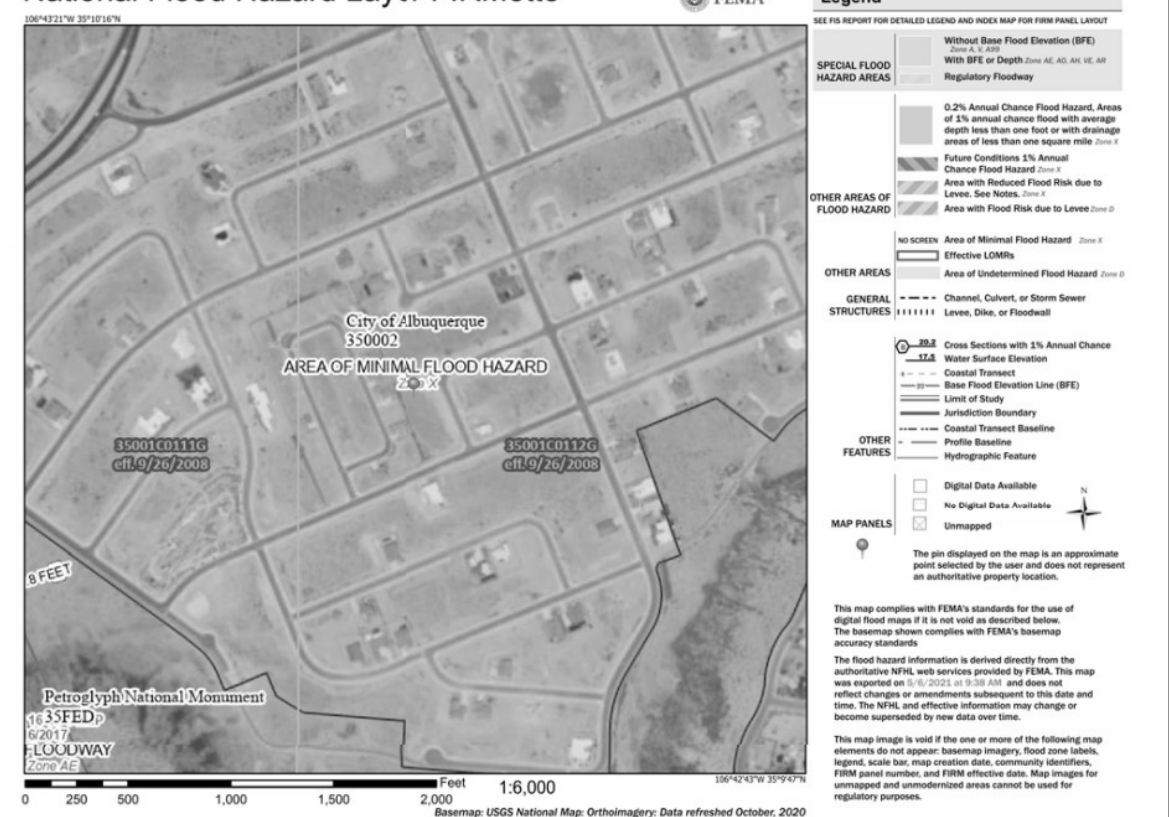
6/21/21

3/4/22

5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.



National Flood Hazard Layer FIRMette



LOT 28 BLOCK 10 UNIT 18 VOLCANO CLIFFS SUBDIVISION
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.
3. ANY PERIMETER WALLS MUST BE PERMITTED SEPARATELY ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.
4. SURVEY INFORMATION PROVIDED BY COMMUNITY SCIENCES CORPORATION USING NA DATUM 1988.
5. A PAD ELEVATION CERTIFICATION SHALL BE REQUIRED PRIOR TO RELEASE OF BUILDING PERMIT.

- - - - - x - - - - - EXISTING CONTOUR
 - - - - - x - - - - - EXISTING INDEX CONTOUR
 - - - - - x - - - - - PROPOSED CONTOUR
 - - - - - x - - - - - PROPOSED INDEX CONTOUR
 • x - - - - - EXISTING SPOT ELEVATION
 • x - - - - - PROPOSED SPOT ELEVATION
 - - - - - BOUNDARY
 - - - - - ADJACENT BOUNDARY
 - - - - - EXISTING CURB AND GUTTER
 - - - - - PROPOSED EARTHEN SWALE
 - - - - - PROPOSED RETAINING WALL
 [shaded rectangle] PROPOSED PONDING
 [rectangle with 'c' and 's' labels] PROPOSED CONCRETE

EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.

18" MAX
AT CMU

TURN 1 BLOCK
@ 32.66

END RETAINING WALL
TW = 33.33
BW = 31.33

ON ADJACENT LOT, RETAINING NOT REQUIRED

CONSTRUCT ALL SWALES AND EROSION PROTECTION
(SHOWN HATCHED) BELOW ADJACENT GRADE TO ENSURE
RUNOFF CAN BE CAPTURED AND CONVEYED PROPERLY.

EARTHEN SWALE

