



Mayor Timothy M. Keller

April 22, 2022

David Soule, PE  
Rio Grande Engineering  
PO Box 93924  
Albuquerque, NM 87199

**RE: Lot 32 Block 6 Unit 18 SAD 228  
6547 Pato Rd. NW  
Volcano Cliffs Subdivision  
Grading and Drainage Plan  
Engineers Stamp Date 8/21/2020 (D10D003M32)  
Pad Cert. stamp date; 10/16/2020  
CO Certification Date: 4/19/2022**

PO Box 1293

Mr. Soule,

Albuquerque

Based on the Certification received on 4/22/2022, 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](http://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:** 6547 Pato NW **Building Permit #:** \_\_\_\_\_ **Hydrology File #:** \_\_\_\_\_

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

**Legal Description:** LOT 32 , BLOCK 6 VOLCANO CLIFFS UNIT18

**City Address:** 6547 Pato NW

**Applicant:** candelaria homes **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: \_\_\_\_\_

[illegible]

Ea= 0.44	Qa= 1.29
Eb= 0.67	Qb= 2.03
Ec= 0.99	Qc= 2.87
Ed= 1.97	Qd= 4.37

This site is within the SAD 226 Master Drainage plan boundaries. The site is to maintain existing patterns and drain to the the adjacent roadway lot to east per the master drainage plan. We are ponding the water harvest volume generated by the site there is not measurable upland flow. This plan exceeds the allowed impervious area therefore we are required to retain the overage. This plan is in conformance to the master drainage plan



A circular professional engineer seal for David Soule, New Mexico, License 14522. The seal features the name "DAVID SOULE" at the top, "NEW MEXICO" in the center, and "REGISTERED PROFESSIONAL ENGINEER" at the bottom. The license number "14522" is prominently displayed in the center, with a signature overlaid on it.

PROJECT BM  
ELEV = 5332.72

FF = 5334.25  
FP = 5333.75

WATER QUALITY POND  
TOP = 32.00  
BOTTOM = 31.00  
VOLUME = 277 CF

6547 PATO ROAD NW  
(60' R-W)

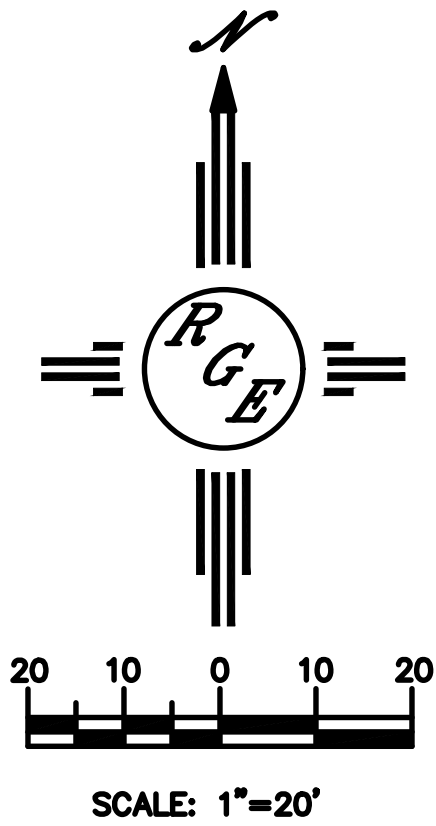
PAPAGAYO ROAD  
(50' R-W)

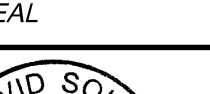

EXISTING UTILITIES ARE NOT SHOWN.  
IT SHALL BE THE SOLE RESPONSIBILITY  
OF THE CONTRACTOR TO CONDUCT ALL  
NECESSARY FIELD INVESTIGATIONS PRIOR  
TO ANY EXCAVATION TO DETERMINE THE  
ACTUAL LOCATION OF UTILITIES & OTHER  
IMPROVEMENTS.

Map of Northwest Mesa Escarpment Plan View and Impact. The map shows a residential area with streets like Volcano Blvd, Cliff Dr, and Cliff Rd. A black square marks the 'SITE' location. Purple lines indicate the 'NORTHWEST MESA ESCARPMENT PLAN VIEW' and 'NORTHWEST MESA ESCARPMENT PLAN IMPACT'. Various landmarks and features are labeled, including 'CLIFFS', 'VOLCANO', 'UNIT 17', 'UNIT 15', 'UNIT 25', 'UNIT 23', 'UNIT 21', 'UNIT 19', 'UNIT 18', 'UNIT 16', 'UNIT 14', 'UNIT 13', 'UNIT 12', 'UNIT 11', 'UNIT 10', 'UNIT 9', 'UNIT 8', 'UNIT 7', 'UNIT 6', 'UNIT 5', 'UNIT 4', 'UNIT 3', 'UNIT 2', 'UNIT 1'. A handwritten note 'See map 10-10-10' is present.

[illegible]

	EXISTING CONTOUR
	EXISTING INDEX CONTOUR
	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
	EXISTING SPOT ELEVATION
	PROPOSED SPOT ELEVATION
	BOUNDARY
	PROPOSED EARTHEN SWALE
	ADJACENT BOUNDARY
	EXISTING CURB AND GUTTER
	PROPOSED GRAVEL DRIVEWAY
	PROPOSED CONCRETE DRIVEWAY



ENGINEER'S SEAL	LOT 32 BLK 6 U 18 VC 6547 PATO ROAD NW	DRAWN BY DEM
		DATE 8-20-20
		LOT 32 BLK 6 U 18 VC DWG
	GRADING AND DRAINAGE PLAN	SHEET #  C1
		JOB #
		_____
8/21/20	 <div> <i>Rio Grande Engineering</i>            1606 CENTRAL AVENUE SE            SUITE 201            ALBUQUERQUE, NM 87106            (505) 872-0989         </div>	
DAVID SOULE P.E. #14522		