

# CITY OF ALBUQUERQUE

Planning Department  
Brennon Williams, Director



Mayor Timothy M. Keller

December 18, 2019

David Soule, P.E.  
Rio Grande Engineering  
PO Box 93924  
Albuquerque, New Mexico 87199

RE: **Lot 18 Block 5 Unit 5 SAD 227**  
**7932 Victoria Dr. NW**  
**Grading and Drainage Plan**  
**Engineers Stamp Date 10/16/19 (E10D066)**  
**Pad Certification Date 12/16/19**

Dear Mr. Soule,

Based upon the information provided in your submittal received 12/16/19, this plan is approved for Building Permit.

Please inform the builder/owner to attach a copy of this approved plan and this letter to the construction sets in the permitting process prior to sign-off by Hydrology.

Reiterate to the Owner/Contractor that a separate permit for a garden/retaining wall must be obtained, with the approved G&D plan dated 10/16/19.

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

If you have any questions, please contact me at 924-3999 or Rudy Rael at 924-3977.

Sincerely,

Shahab Biazar, P.E.  
City Engineer, Hydrology  
Division Manager

RR/SB  
C: File E10D066



# City of Albuquerque

Planning Department  
Development & Building Services Division

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

**Project Title:** 7932 VICTORIA DR NW **Building Permit #:** \_\_\_\_\_ **Hydrology File #:** \_\_\_\_\_

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

**Legal Description:** LOT 18 , BLOCK 5 VOLCANO CLIFFS UNIT \_\_\_\_\_

**City Address:** 7932 VICTORIA DR NW \_\_\_\_\_

**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: \_\_\_\_\_

								100-Year, 6-hr.			24 hour			
Basin	Area (sf)	Area (acres)	Treatment A % (acres)	Treatment B % (acres)	Treatment C % (acres)	Treatment D % (acres)	Weighted E (ac-ft)	Volum e (ac-ft)	Flow cfs	Volume (ac-ft)				
ALLOWED	30125.00	0.692	0%	0	24%	0.2766	36%	0.249	1.266	0.073	2.22	0.083		
PROPOSED	30125.00	0.692	20%	0.138	23%	0.159	36%	0.249	21%	0.145	1.012	0.058	1.85	0.064
COMPARISON										-0.015		-0.019		

Qa= 1.29  
Qb= 2.03  
Qc= 2.87  
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 adjacent roadway to the east per the master drainage plan. The site does not exceed the SAD 227 developed conditions assumptions, therefore no ponding is required. Due to height restrictions we have incorporated ponding to minimize the pad height as much as possible. We are ponding the water harvest volume generated by the site there is not measurable upland flow. This plan is in conformance to the master drainage plan.

DAVID SOULE  
NEW MEXICO  
14522  
REGISTERED PROFESSIONAL ENGINEER

[illegible]

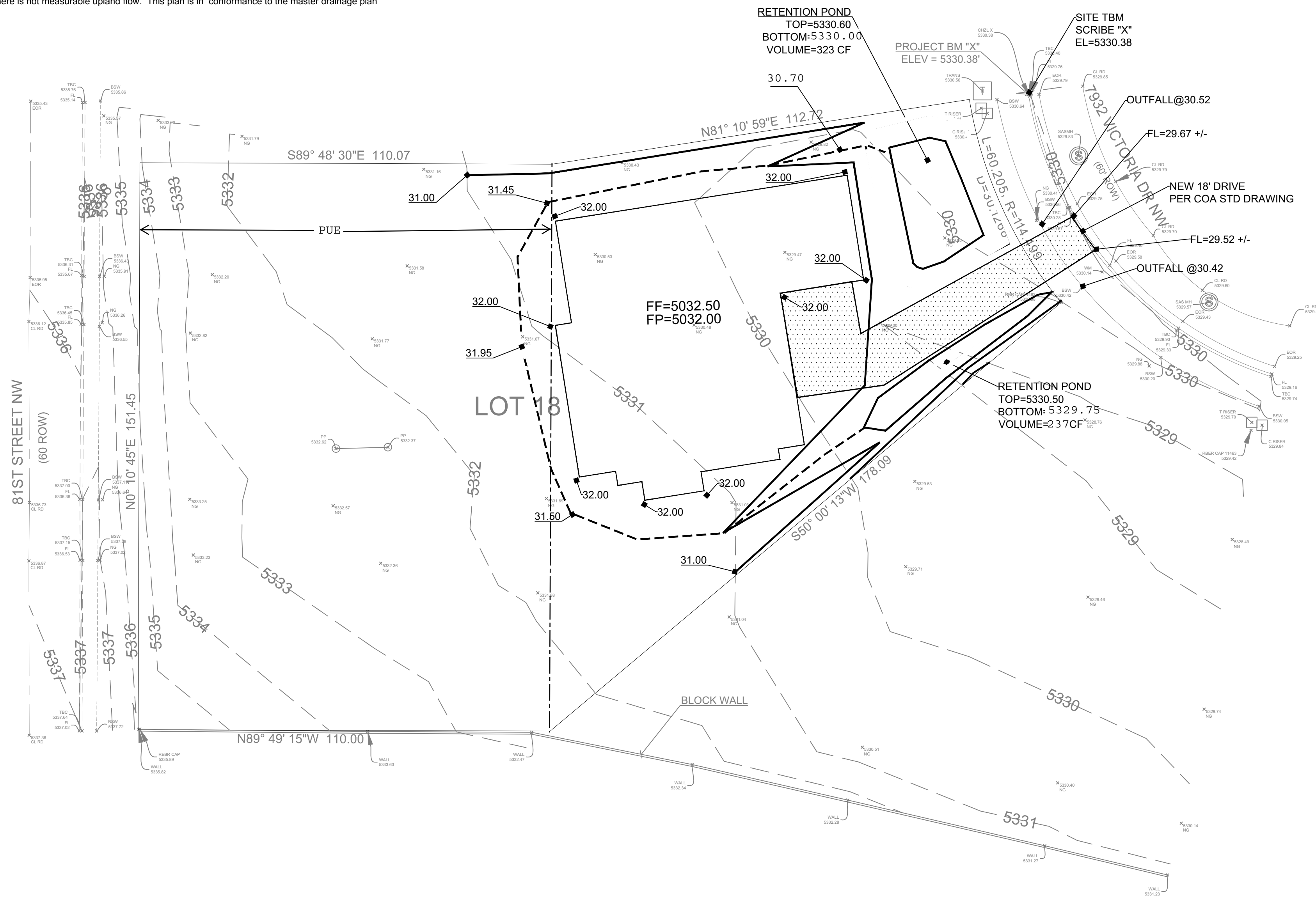
City of Albuquerque  
350002

AREA OF MINIMAL FLOOD HAZARD  
Zone X


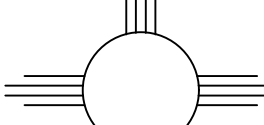
3500100113 G  
eff. 9/26/2008

SITE

- - - - -5411- - - - - EXISTING CONTOUR  
 — — — — —5410 — — — — — EXISTING INDEX CONTOUR  
 —————5411————— PROPOSED CONTOUR  
 —————5410————— PROPOSED INDEX CONTOUR  
 ■ 100.00 PROPOSED FLOWLINE ELEVATIONS  
 - - - - - PROPERTY LINE



SCALE: 1"=20'

ENGINEER'S SEAL	7932 Victoria NW LOT 18, BLOCK 5 VOLCANO CLIFFS UNIT 5	DRAWN BY JDC
	GRADING AND DRAINAGE PLAN	DATE 10-16-2019
		SHEET # 1 OF 1
10/16/19	 <i>Rio Grande Engineering</i> 1606 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0989	JOB #
DAVID SOULE P.E. #14522		