

# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

February 27, 2023

David Soule, P.E.  
Rio Grande Engineering  
P.O. Box 93924  
Albuquerque, NM 87199

**RE: 3020 Rio Grande Blvd. NW  
Grading and Drainage Plan  
Engineer's Stamp Date: 02/21/23  
Hydrology File: G13D030A**

Dear Mr. Soule:

Based upon the information provided in your submittal received 02/22/2023, the Grading & Drainage Plan is approved for Grading Permit (earthwork can get started for the earth pad on the house).

**PRIOR TO BUILDING PERMIT:**

1. Once the grading is complete, a pad certification (meaning that the earthwork is complete) will be required. Please include a site photo with the submittal. Also, at the time of pad certification approval, Hydrology will concurrently approve the Grading & Drainage Plan for Building Permit.

If you have any questions, please contact me at 924-3995 or [rbrissette@cabq.gov](mailto:rbrissette@cabq.gov).

Sincerely,

*Renée C. Brissette*

Renée C. Brissette, P.E. CFM  
Senior Engineer, Hydrology  
Planning Department



# City of Albuquerque

Planning Department  
Development & Building Services Division

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

**Project Title:** 3020 RIO GRANDE **Building Permit #:** \_\_\_\_\_ **Hydrology File #:** \_\_\_\_\_  
**DRB#:** \_\_\_\_\_ **EPC#:** \_\_\_\_\_ **Work Order#:** \_\_\_\_\_  
**Legal Description:** LOT 8BE ALVARADO GARDENS UNIT 1  
**City Address:** 3020 RIO GRANDE 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: \_\_\_\_\_

Basin	Area (sf)	Area (acres)	100-Yr, 6-hr.				100 yr 24-Hour 100 yr 10-DA							
			Treatment A (acres)	Treatment B (acres)	Treatment C (acres)	Treatment D (acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (ac-ft)	Volume (ac-ft)			
Historical PROPOSED	38843.0	0.892	100% 0.8917	0%	0.000	0%	0.000	0%	0.000	6.620	0.046	1.52	0.046	0.046
	38843.0	0.892	0%	0	0.428	30%	0.268	22%	0.196	1.128	0.084	2.68	0.091	0.111

Ea= 0.62	Qa= 1.71
Eb= 0.73	Qb= 2.36
Ec= 0.95	Qc= 3.05
Ed= 2.24	Qd= 4.34

### PROPOSED FUNDING

**National Flood Hazard Layer FIRMette**

**Legend**

**NO. 10-2007 FIRM (FLOOD ZONING AND RISK MAP OF FIRM FLOOD ZONES)**

**SPECIAL FLOOD HAZARD AREAS**

- 0.5% Annual Chance Flood Hazard: Areas of 0.5% annual chance flood with average depths of less than one foot (1% to 0.2% annual chance flood with average depths of less than one foot) (1% to 0.2% annual chance flood with average depths of less than one foot)
- 1% Annual Chance Flood Hazard: Areas of 1% annual chance flood with average depths of less than one foot (1% to 0.2% annual chance flood with average depths of less than one foot)
- Area with Reduced Flood Risk due to Levee: Areas with Reduced Flood Risk due to Levee
- Area with Flood Risk due to Levee: Areas with Flood Risk due to Levee

**POWER AREAS**

- Area of Minimal Flood Hazard: Areas of Minimal Flood Hazard
- Electricity (EPR): Areas of Minimal Flood Hazard
- Area of Undersaturated Flood Hazard: Areas of Undersaturated Flood Hazard

**OTHER AREAS**

- 0.5% Annual Chance Flood Hazard: Areas of 0.5% annual chance flood with average depths of less than one foot (1% to 0.2% annual chance flood with average depths of less than one foot)
- 1% Annual Chance Flood Hazard: Areas of 1% annual chance flood with average depths of less than one foot (1% to 0.2% annual chance flood with average depths of less than one foot)
- Area with Reduced Flood Risk due to Levee: Areas with Reduced Flood Risk due to Levee
- Area with Flood Risk due to Levee: Areas with Flood Risk due to Levee

**SPRINKLING STRUCTURES**

- 0.5% Annual Chance Flood Hazard: Areas of 0.5% annual chance flood with average depths of less than one foot (1% to 0.2% annual chance flood with average depths of less than one foot)
- 1% Annual Chance Flood Hazard: Areas of 1% annual chance flood with average depths of less than one foot (1% to 0.2% annual chance flood with average depths of less than one foot)
- Area with Reduced Flood Risk due to Levee: Areas with Reduced Flood Risk due to Levee
- Area with Flood Risk due to Levee: Areas with Flood Risk due to Levee

**OTHER FEATURES**

- 0.5% Annual Chance Flood Hazard: Areas of 0.5% annual chance flood with average depths of less than one foot (1% to 0.2% annual chance flood with average depths of less than one foot)
- 1% Annual Chance Flood Hazard: Areas of 1% annual chance flood with average depths of less than one foot (1% to 0.2% annual chance flood with average depths of less than one foot)
- Area with Reduced Flood Risk due to Levee: Areas with Reduced Flood Risk due to Levee
- Area with Flood Risk due to Levee: Areas with Flood Risk due to Levee

**MAP FILES**

- Digital Data Available
- No Digital Data Available

**Legend**

The pin displayed on the map is an approximate location of the map and is not an authoritative representation of the map.

This map complies with FEMA standards for the use of digital flood maps. It is not used for flood insurance rating purposes. It is not used for flood insurance rating purposes. It is not used for flood insurance rating purposes.

The flood hazard information is derived from the National Flood Hazard Layer (NFHL) and is not used for flood insurance rating purposes. It is not used for flood insurance rating purposes. It is not used for flood insurance rating purposes.

This map is not a flood map and is not used for flood insurance rating purposes. It is not used for flood insurance rating purposes. It is not used for flood insurance rating purposes.

0 250 500 1,000 1,500 2 Feet

1:6,000

10/26/2012

Basemap USGS National Map Omnidynamic Data Refreshed October, 2012

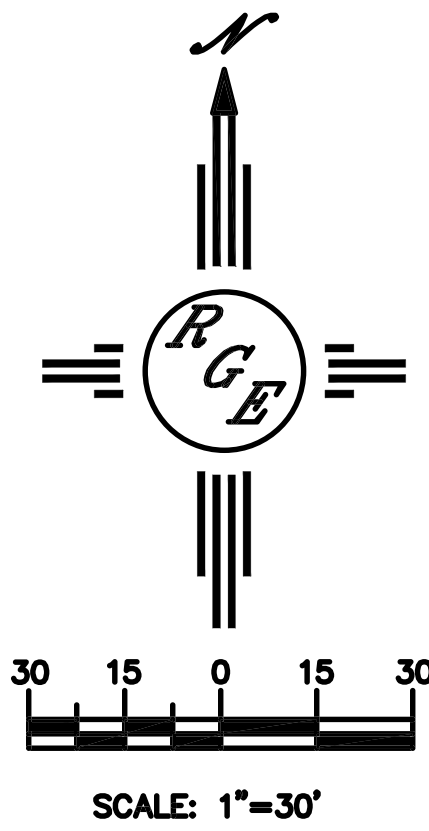
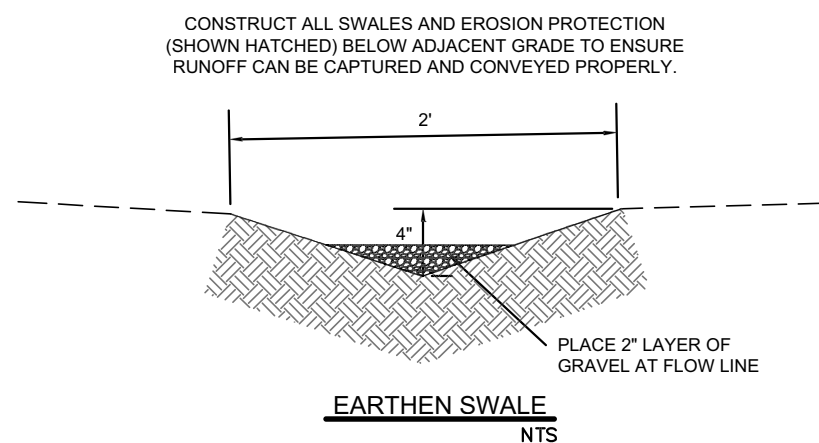
City of Birmingham 150003



1500011831 08/10/2012

1500011831 08/10/2012

	EXISTING CONTOUR
	EXISTING INDEX CONTOUR
	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
	EXISTING SPOT ELEVATION
	PROPOSED SPOT ELEVATION
	BOUNDARY
	ADJACENT BOUNDARY
	EXISTING CURB AND GUTTER
	PROPOSED RETAINING WALL
	PROPOSED GRAVEL
	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.



ENGINEER'S SEAL	LOT 8-B ALVARADO GARDENS ADD 3020 RIO GRANDE BOULEVARD	DRAWN BY DEM
	GRADING AND DRAINAGE PLAN	DATE 2-21-23
2/21/23	 <i>Rio Grande Engineering</i> PO BOX 83624 ALBUQUERQUE, NM 87199 (505) 321-9099	Let 8-B Alvarado Gardens Addition.DWG  SHEET # <div>C1</div>
DAVID SOULE P.E. #14522		JOB #  _____