

# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

July 14, 2022

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

**RE: 1100 Ridgecrest Dr. SE**  
**Grading and Drainage Plan**  
**Engineer's Stamp Date: 07/02/21**  
**Engineer's Certification Date: 06/25/22**  
**Hydrology File: L17D027**

Dear Mr. Soule:

PO Box 1293

Based upon the information provided in your submittal received 07/14/2022, the Grading and Drainage Plan is approved for Building Permit and Building Pad Certification for 1100 Ridgecrest Dr. SE. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

Albuquerque

**PRIOR TO CERTIFICATE OF OCCUPANCY:**

NM 87103

1. Engineer's Certification, per the DPM Part 6-14 (G): Engineer's Certification Checklist for Subdivision and Part 6-14 (H): Required Certification Language is required.

www.cabq.gov

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

Sincerely,

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:** 1100 RIDGECREST SE **Building Permit #:** \_\_\_\_\_ **Hydrology File #:** \_\_\_\_\_

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

**Legal Description:** LOT 1, Block 40 PARKLAND HILLS SUBDIVISION

**City Address:** 1100 RIDGECREST SE

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













Weighted E Method														
							100-Year, 6-hr.			100 yr 10-day				
Basin	Area (sf)	Area (acres)	Treatment A % (acres)	Treatment B % (acres)	Treatment C % (acres)	Treatment D % (acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs		Volume (ac-ft)			
Historical	8877.00	0.204	0%	0	85%	0.173	10%	0.020	5%	0.010	0.900	0.015	0.52	0.016
PROPOSED	8877.00	0.204	0%	0	22%	0.045	34%	0.069	45%	0.092	1.575	0.027	0.72	0.030

This site appear to be a redevelopment of a previously developed lot. The area was developed prior to drainage files being available. All lots in area free discharge. This site appears to be similar in density as the 1959 aerial of the lot (poor quality pic). Therefore we believe this lot should be allowed to free discharge. To account for the additional discharge created , we propose to retain the increase in the developed storm water for the 10-day storm compared to existing condition. The drainag patterns will remain to drain all the flow to the adjacent road way

I, DAVID SOULE HAVE PERSONALLY INPECTED THE SITE. I HEREBY CERTIFY THE PAD HAS BEEN CONSTRUCTED SUCH THAT IT IS IN SUBSTANTIAL CONFORMANCE TO THE APPROVED GRADING PLAN DATED 7/2/21



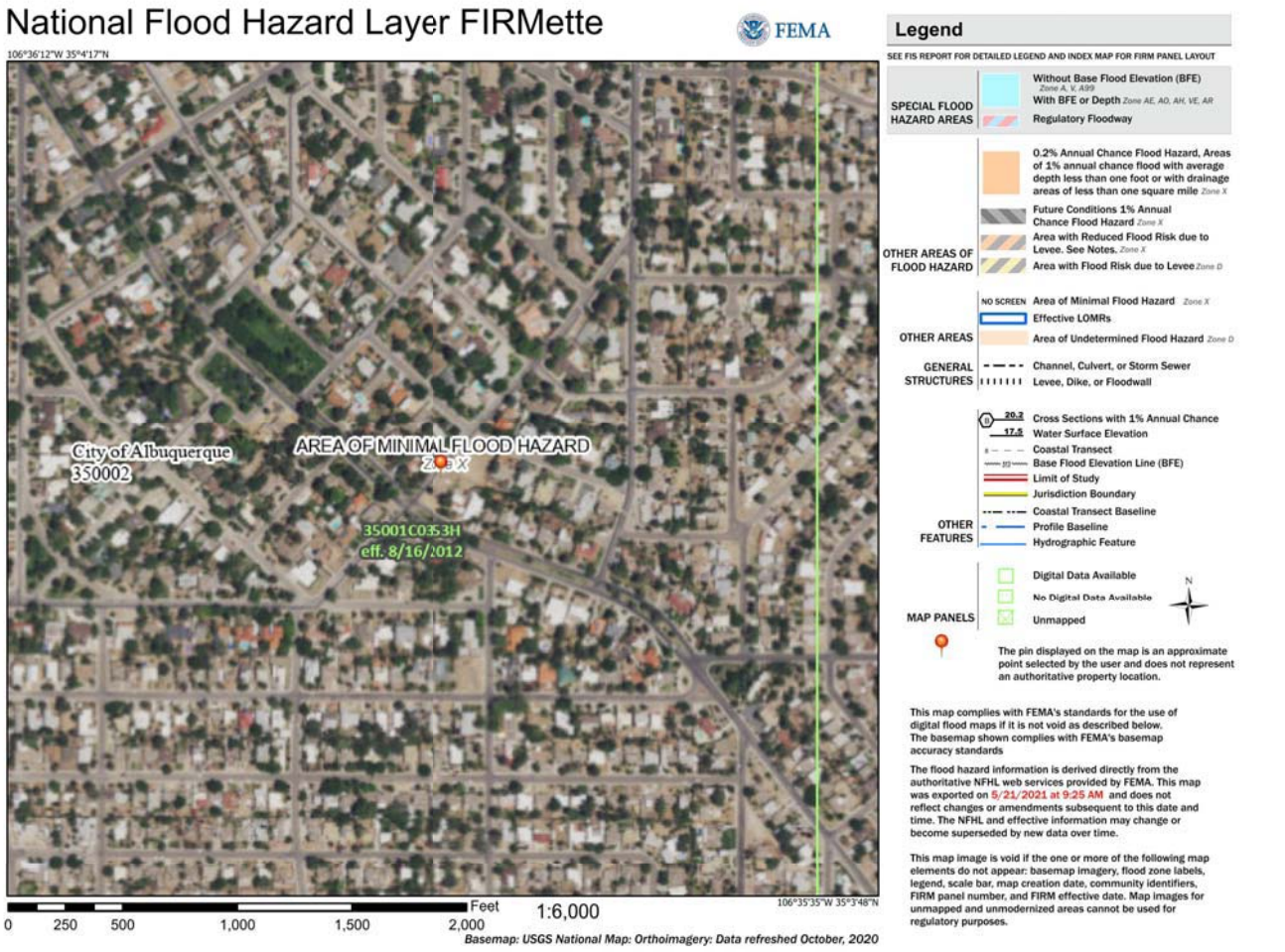
6/25/22

### EROSION CONTROL NOTES:

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.



### VICINITY MAP: L-17-Z



### FIRM MAP:

### LEGAL DESCRIPTION:

LOT 1 BLOCK 40 PARKLAND HILLS  
OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

### NOTES:

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

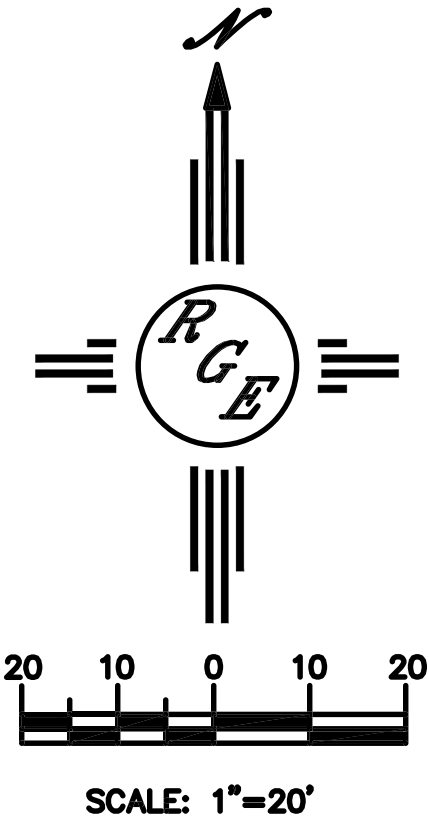
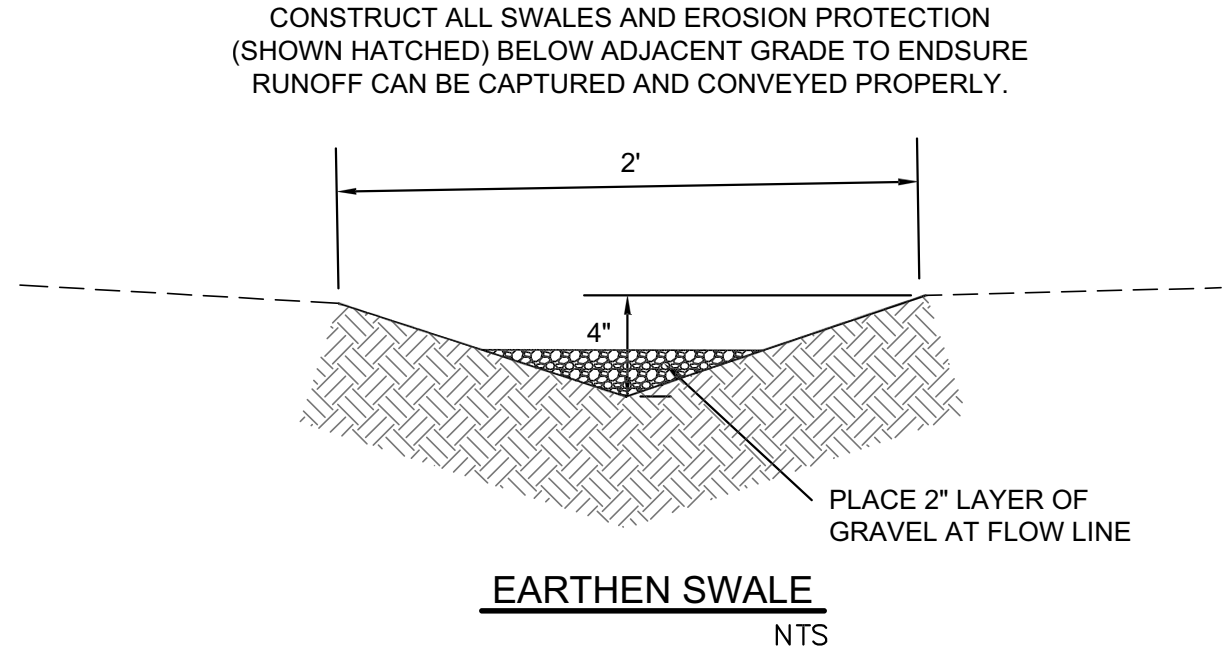
### LEGEND

---	XXXX	---	EXISTING CONTOUR
---	XXXX	---	EXISTING INDEX CONTOUR
---	XXXX	---	PROPOSED CONTOUR
---	XXXX	---	PROPOSED INDEX CONTOUR
+	XXXX		EXISTING SPOT ELEVATION
●	XXXX		PROPOSED SPOT ELEVATION
---			BOUNDARY
---			ADJACENT BOUNDARY
==			EXISTING CURB AND GUTTER
---			PROPOSED EARTHEN SWALE
---			PROPOSED RETAINING WALL
---			PROPOSED CONCRETE

### CAUTION:

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.

TEMPORARY BENCHMARK  
NORTH RIM MANHOLE  
ELEVATION = 5305.39



ENGINEER'S SEAL	LOT 1 BLOCK 40 PARKLAND HILLS 1100 RIDGECREST DRIVE	DRAWN BY DEM
		DATE 6-30-21
DAVID SOULE P.E. #14522	GRADING AND DRAINAGE PLAN	LOT 1 BLOCK 40 PARKLAND HILLS.DWG
		SHEET # C1
DAVID SOULE P.E. #14522	Rio Grande Engineering P.O. BOX 53924 ALBUQUERQUE, NM 87199 (505) 321-9099	JOB #