# CITY OF ALBUQUERQUE

*Planning Department* Brennon Williams, Director



Mayor Timothy M. Keller

August 31, 2020

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

#### RE: Lot 15 Block 2 S.A.D. 227 Unit 3 5624 Kimberlite NW Grading and Drainage Plan Engineers Stamp Date 8/28/2020 (E10D085)

Dear Mr. Soule,

PO Box 1293 Based upon the information provided in your submittal received on 8/28/2020, this plan is approved for Grading Permit. Please inform the builder/owner to attach a copy of this approved plan and letter into the construction sets in the permitting process prior to sign-off by Hydrology.

AlbuquerqueReiterate to the Owner/Contractor that a separate permit for any garden/retaining wall<br/>must be obtained, with the approved G&D plan.

NM 87103 Prior to Building Permit approval, a **Pad Certification** will be required. Inform the contractor/owner not to pile dirt in the street as a ramp to climb the curb. If dirt is found in the street the pad cert. will be denied.

www.cabq.gov 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 924-3986 or Rudy Rael at 924-3977.

Sincerely,

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

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## City of Albuquerque

Planning Department Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 5624 KIMBERLITE NW	Building Permit	#:	Hydro	logy File #:
DRB#:Logal Description: LOT 15, BLOCK 2	_ EPC#:		Work	Order#:
Legal Description: LOT 15, BLOCK	2 VOLCANO C	LIFFS UNIT	2	
City Address: 5624 KIMBERLITE		·····		
Applicant:			Contact:	
Address:				
Phone#:	_Fax#:		E-mail:	
Other Contact: RIO GRANDE ENGINE	ERING		Contact:	DAVID SOULE
Address: PO BOX 93924 ALB NM	87199			
Phone#: 505.321.9099	<b>Fax#:</b> 505.872	.0999	E-mail:	david@riograndeengineering.com
TYPE OF DEVELOPMENT: PLAT				
Check all that Apply:				
DEPARTMENT: <u>×</u> HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION TYPE OF SUBMITTAL:		TYPE OF APPRO	ERMIT APP	
ENGINEER/ARCHITECT CERTIFICATION PAD CERTIFICATION CONCEPTUAL G & D PLAN X GRADING PLAN DRAINAGE REPORT	1	PRELIMINA SITE PLAN I SITE PLAN I FINAL PLAT	FOR SUB'D FOR BLDG. I	APPROVAL PERMIT APPROVAL
DRAINAGE MASTER PLAN FLOODPLAIN DEVELOPMENT PERMIT A ELEVATION CERTIFICATE CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) TRAFFIC IMPACT STUDY (TIS) STREET LIGHT LAYOUT OTHER (SPECIFY) PRE-DESIGN MEETING?		SIA/ RELEA FOUNDATIC GRADING P SO-19 APPR PAVING PEI GRADING/ F WORK ORDE CLOMR/LOM FLOODPLAI OTHER (SPI	ON PERMIT ERMIT APP OVAL RMIT APPRO AD CERTIF R APPROVA MR N DEVELOP	ROVAL OVAL FICATION L PMENT PERMIT
IS THIS A RESUBMITTAL?: Yes No				
DATE SUBMITTED:				
COA STAFF:	ELECTRONIC SUB	MITTAL RECEIVED:		_

Weighted E Method														
												100-Yea	r, 6-hr.	24 hour
Basin	Area	Area	Treat	ment A	Treat	tment B	Treatr	ment C	Treatr	nent D	Weighted E	Volume	Flow	Volume
	(sf)	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	(ac-ft)	(ac-ft)	cfs	(ac-ft)
ALLOWED	16300.00	0.374	0%	0	24%	0.090	40%	0.1497	36%	0.135	1.266	0.039	1.20	0.045
PROPOSED	16300.00	0.374	0%	0	24%	0.090	41%	0.1534	35%	0.131	1.256	0.039	1.19	0.044
														1

#### Equations:

Weighted E = Ea\*Aa + Eb\*Ab + Ec\*Ac + Ed\*Ad / (Total Area)

Volume = Weighted D \* Total Area

Flow = Qa \* Aa + Qb \* Ab + Qc \* Ac + Qd \* Ad

Qa= 1.29
Qb= 2.03
Qc= 2.87
Qd= 4.37

1925 1936

ONSITE Conditons FIRST FLUSH WATER QUALITY VOLUME NA

PONDING REQUIRED	
PONDING PROVIDED	

Narrative

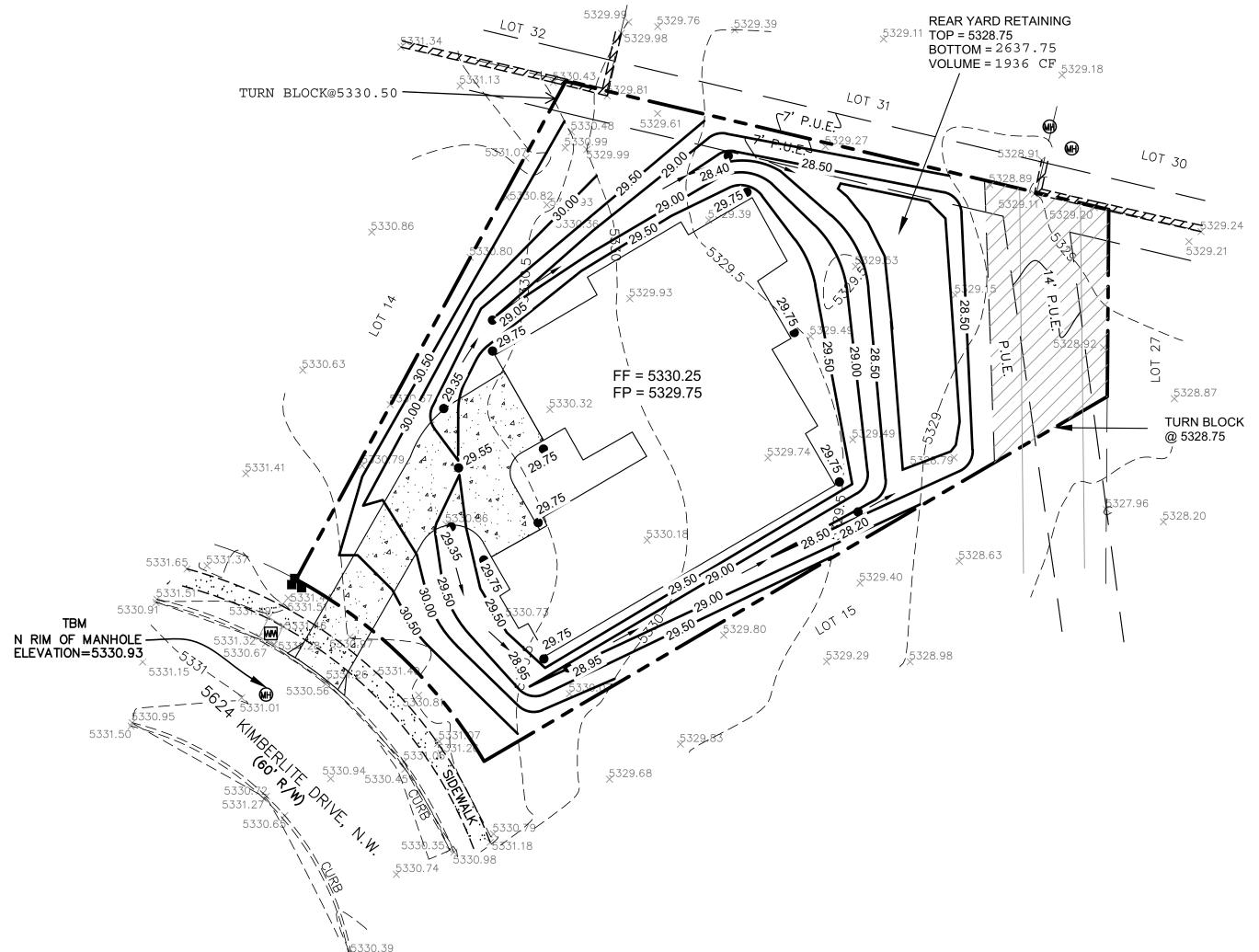
location

### This site is within the SAD 227Master 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, Due to height restrictions we are not able to raise the floor to drain to the street, therefor we must retain the flows and provide for overflow to historical



5330.96



### 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.

## **EROSION CONTROL NOTES:**

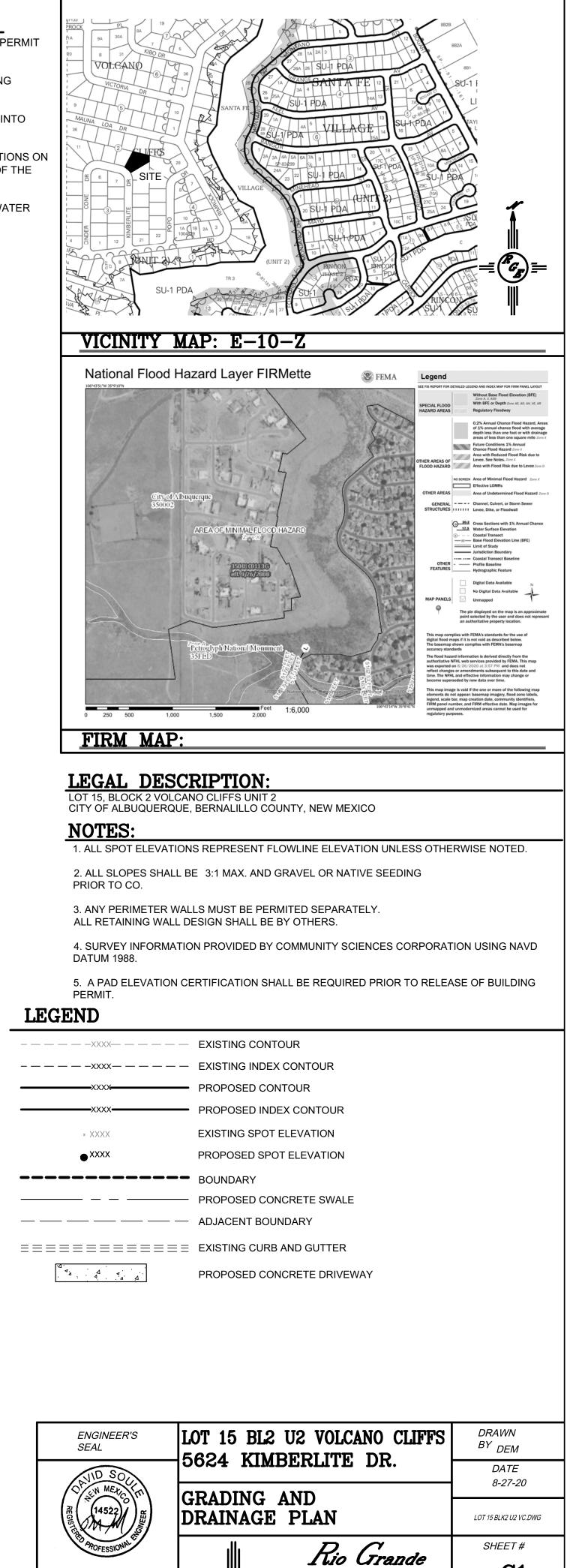
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.

2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.

3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.

4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.

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



**C1** 

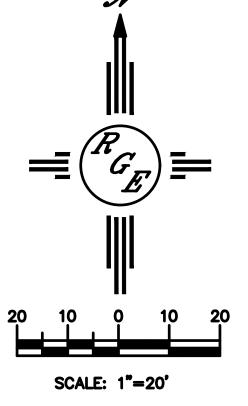
JOB #

Engineering

1606 CENTRAL AVENUE SE

SUITE 201

ALBUQUERQUE, NM 87106 (505) 872-0999



8/28/20

DAVID SOULE

P.E. #14522