CITY OF ALBUQUERQUE

Planning Department Alan Varela, Interim Director



Mayor Timothy M. Keller

August 31, 2021

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

RE: Lot 12 Block 8 Unit 22 SAD 228 6312 Canavio Rd. NW Volcano Cliffs Subdivision Revised Grading and Drainage Plan Engineers Stamp Date 8/30/2021 (D10D003E12)

Mr. Soule,

PO Box 1293 Based upon the information provided in your submittal received 8/30/2021, this plan is approved for Grading Permit.

Prior to Building permit approval a Pad Certification will be required, provided by the Engineer or a registered Land Surveyor.

Albuquerque

NM 87103

Advise the owner contractor not to use dirt as a ramp to climb the curb, use lumber or crusher fines for this purpose.

Reiterate to the Owner/Contractor that a separate permit for a garden/retaining wall must be obtained with the approved G&D plan and Pad Certification. Also, if a swimming pool is to be placed after this approval a new grading and drainage plan will need to be resubmitted showing the changes for the land treatments.

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist is required.

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

Sincerely,

6>

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

City	of Albuq	uerque					
Planning Department							
Development & Building Services Division							
DRAINAGE AND	-		ON SHEE	ET (REV 6/2018)			
				gy File #:			
DRB#:LOT 12 BLOCK 8	EPC#:		_Work O	order#:	-		
					_		
City Address:					_		
Applicant:					_		
Address:				<u> </u>	-		
Phone#:	Fax#:	E	E-mail: _		-		
Other Contact: RIO GRANDE ENGINE	ERING	C	Contact:	DAVID SOULE			
Address: PO BOX 93924 ALB NM		`			-		
Phone#: 505.321.9099		999 F	E-mail ^{. da}	vid@riograndeengir	neering.com		
TYPE OF DEVELOPMENT: PLAT					•		
	RESIDENCI	$E \DKBSI$	IIE	ADMIN SITE			
Check all that Apply:							
DEPARTMENT:	ТУ	YPE OF APPROVAL	ACCEP	TANCE SOUGHT:			
X HYDROLOGY/ DRAINAGE		BUILDING PERM					
TRAFFIC/ TRANSPORTATION		CERTIFICATE OF					
TYPE OF SUBMITTAL:							
ENGINEER/ARCHITECT CERTIFICATION		PRELIMINARY P	LAT APP	PROVAL			
PAD CERTIFICATION		SITE PLAN FOR					
CONCEPTUAL G & D PLAN			R BLDG. PERMIT APPROVAL				
XX GRADING PLAN		FINAL PLAT API	PROVAL				
DRAINAGE REPORT	· .						
DRAINAGE MASTER PLAN		SIA/ RELEASE O					
			PERMIT APPROVAL				
ELEVATION CERTIFICATE		GRADING PERM		OVAL			
CLOMR/LOMR		SO-19 APPROVA					
TRAFFIC CIRCULATION LAYOUT (TCL)		PAVING PERMIT					
TRAFFIC IMPACT STUDY (TIS)		RADING/PAD		CATION			
STREET LIGHT LAYOUT		WORK ORDER AP	PROVAL				
OTHER (SPECIFY) PRE-DESIGN MEETING?		CLOMR/LOMR FLOODPLAIN DE	VELODM	ENT DEDMIT			
FRE-DESIGN MEETING?		OTHER (SPECIFY					
IS THIS A RESUBMITTAL?: Yes No			1)				
DATE SUBMITTED:	•						
COA STAFF:	ELECTRONIC SUBMITTAL RECEIVED:						



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

Where for 100-year, 6-hour	r storm- zone 1 Ea= 0.44 Eb= 0.67	Qa= 1.29 Qb= 2.03
	Ec= 0.99	Qc= 2.87
	Ed= 1.97	Qd= 4.37
ONSITE Conditons DRAINAGE SUMMARY		
	REQUIRED	PROVIDE
	(CF)	(CF)
WATER QUALITY	0	181
	134	181

ELEV. = 5327.17 532 5326.91 EOR 5326.98 ×_{5327.56} PK TBM 5327.17 CL RD FL 5327.14 EOR 5327.24 LOT OUTFALL T @ 5327.85 5327.46 18" MAX RETAINAGE @ PERIMETER WALL • _{29.50}

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:

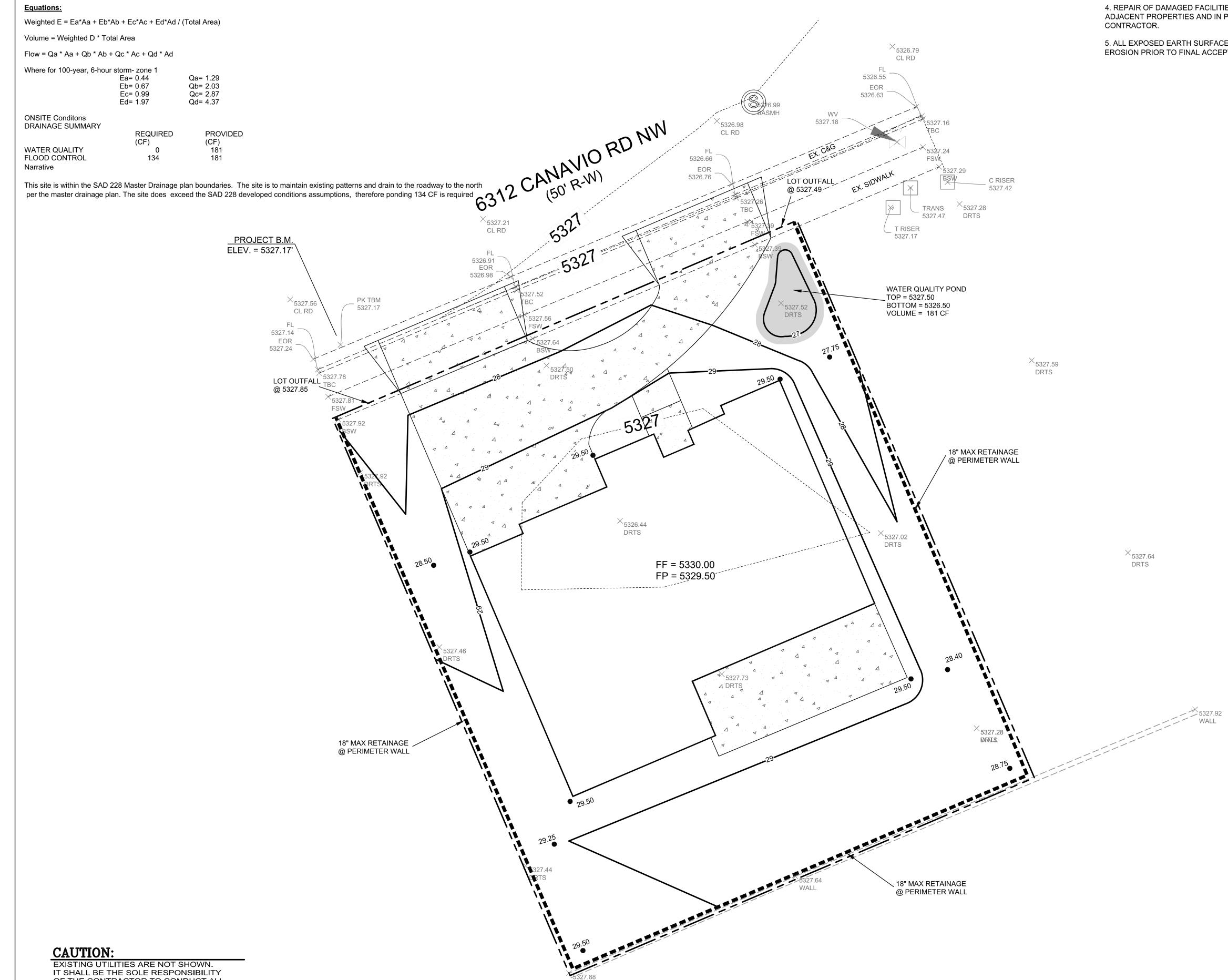
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.

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

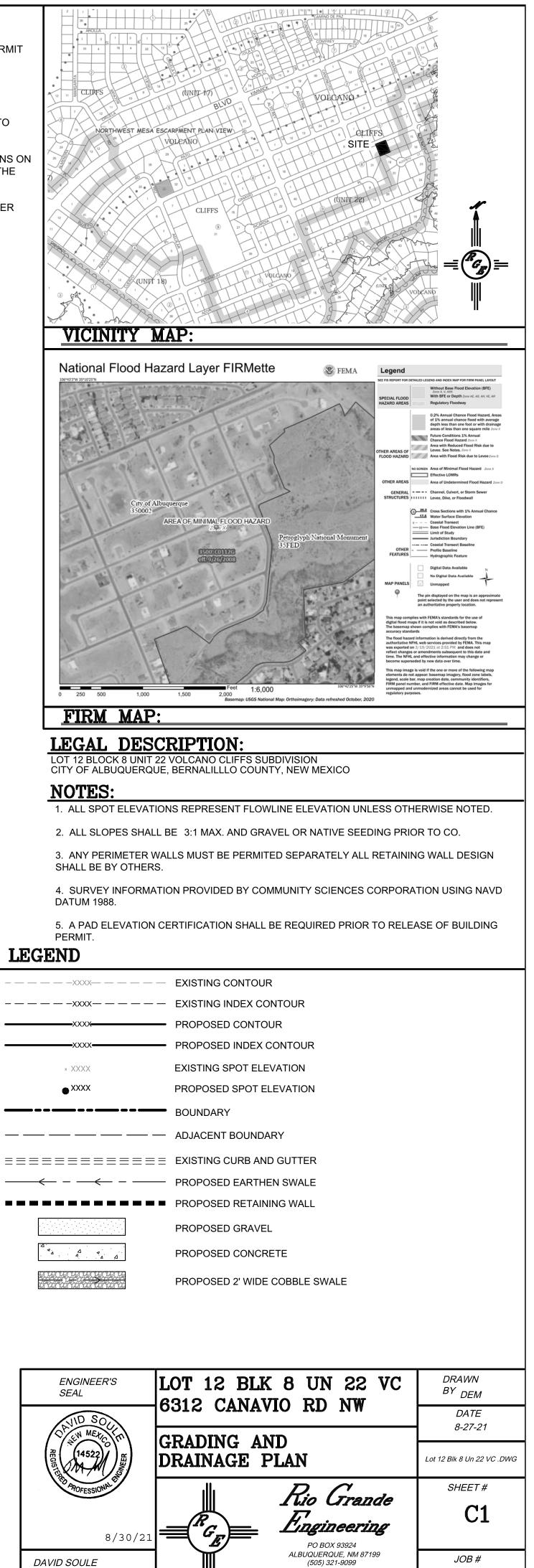
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.

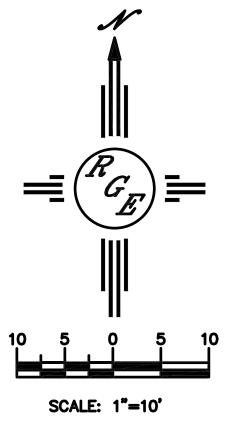
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE

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



×5327.29 X TBM





P.E. #14522