CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



March 18, 2020

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

RE: Lot 20 Block 5, Volcano Cliffs, Unit 18, SAD 228 6616 Sujeto NW Grading and Drainage Plan Engineers Stamp Date 3/15/20 (D10D003K20)

Dear Mr. Soule,

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

Based upon the information provided in your submittal received 3/16/20, 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.

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 the grading and drainage plan will change and will need to be resubmitted.

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,

Ernest Armijo, P.E.

Principal Engineer, Hydrology

Planning Department

RR/SB

C: File D10D003K20



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 6616 SUJETO	Building Permit #:	Hydrole	_ Hydrology File #	
DRB#:LOT 20 BLOCK 5	EPC#:	Work (Work Order#:	
	voicano ciriis unit		····	
Applicant: GERALD GARCIA		Contact:		
Address:				
Phone#:		E-mail: _		
Other Contact: RIO GRANDE ENGINE	CERING	Contact:	DAVID SOULE	
Address: PO BOX 93924 ALB NM 87199				
Phone#: 505.321.9099	Fax#: 505.872.0999	E-mail: da	avid@riograndeengineering.com	
TYPE OF DEVELOPMENT: PLAT				
Check all that Apply:				
DEPARTMENT: X 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 A 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 X No	E BUILDIN CERTIFIC PRELIMI SITE PLA SITE PLA FINAL PI SIA/ REL FOUNDA GRADING GRADING GRADING GRADING CLOMR/I FLOODPI OTHER (IG PERMIT APPR CATE OF OCCUP NARY PLAT APP AN FOR SUB'D A AN FOR BLDG. P LAT APPROVAL CEASE OF FINAN ATION PERMIT APPR PERMIT APPROVAL PERMIT APPRO G/ PAD CERTIFI RDER APPROVAL LOMR LAIN DEVELOPM SPECIFY)	PROVAL APPROVAL ERMIT APPROVAL CIAL GUARANTEE PROVAL OVAL VAL CATION MENT PERMIT	
	Бу			
COA STAFF:	ELECTRONIC SUBMITTAL RECEIVE	.D:		

FEE PAID:____

Area Treatment A Treatment B Treatment C Treatment D (acres) % (acres) % (acres) % (acres) % (acres) PROPOSED COMPARISON

Weighted E Method

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

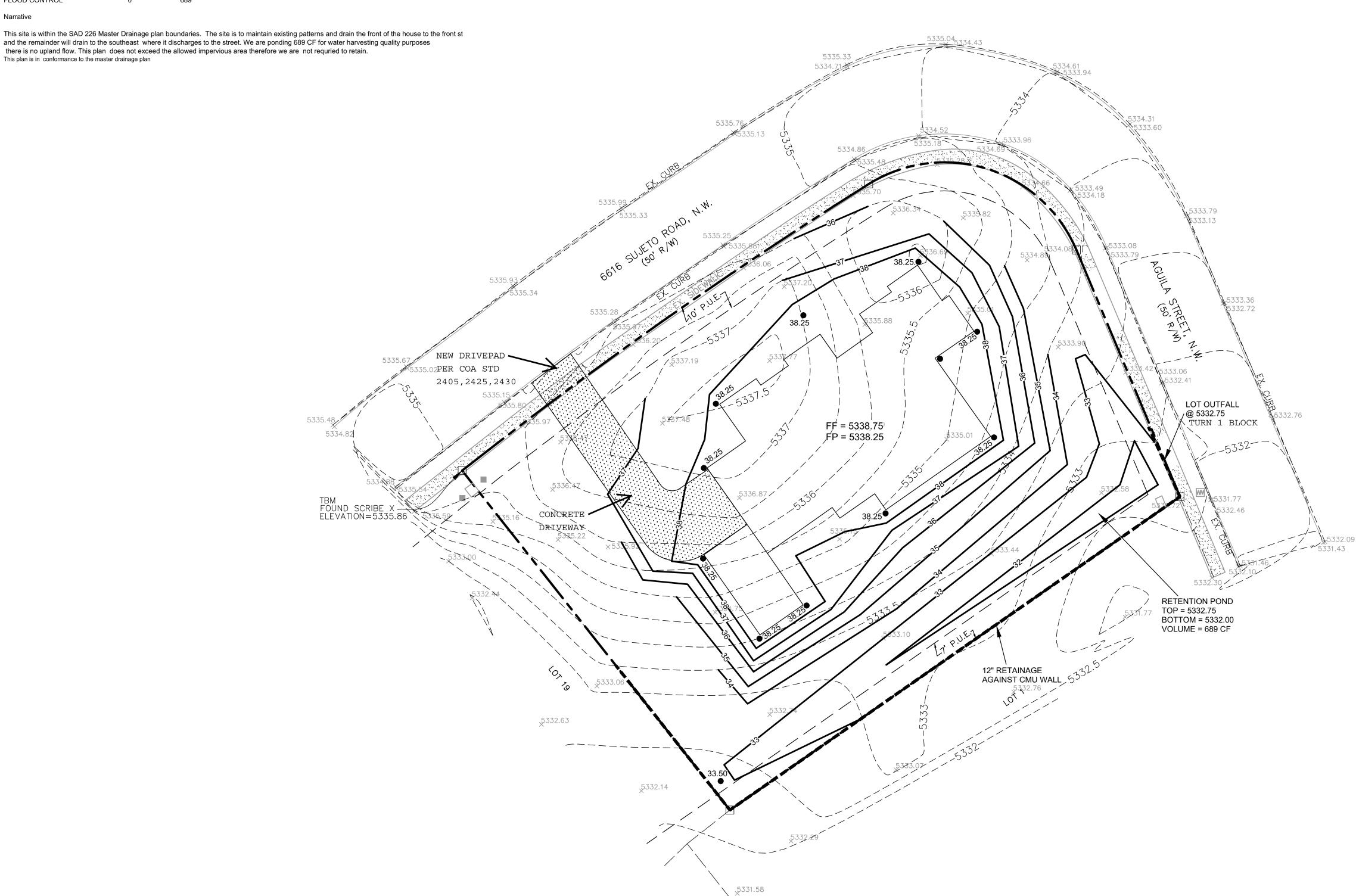
Where for 100-year, 6-hour storm- zone 1 Qa= 1.29 Qb= 2.03 Qc= 2.87 Qd= 4.37 Eb= 0.67 Ec= 0.99

ONSITE Conditons FIRST FLUSH WATER QUALITY VOLUME

PROVIDED REQUIRED (CF) 689

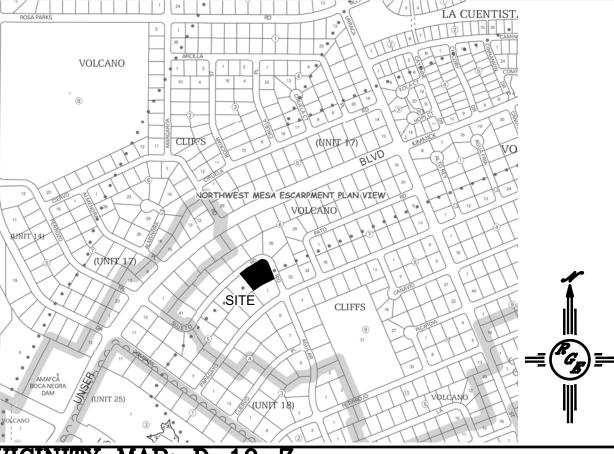
WATER QUALITY FLOOD CONTROL

and the remainder will drain to the southeast where it discharges to the street. We are ponding 689 CF for water harvesting quality purposes

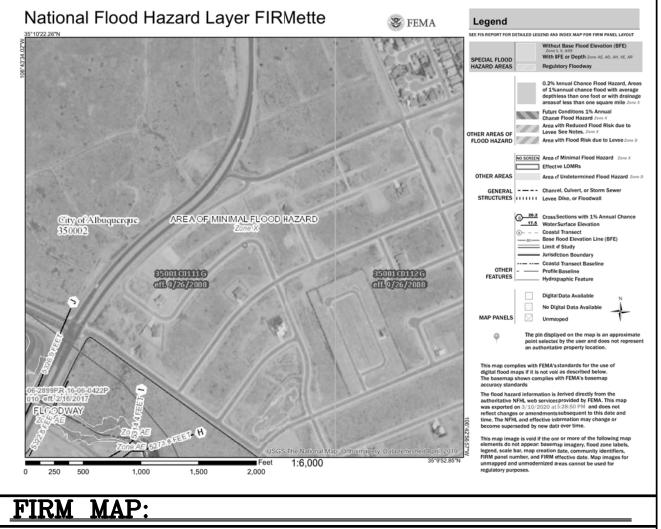


EROSION CONTROL NOTES:

- 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.



VICINITY MAP: D-10-Z



LEGAL DESCRIPTION:

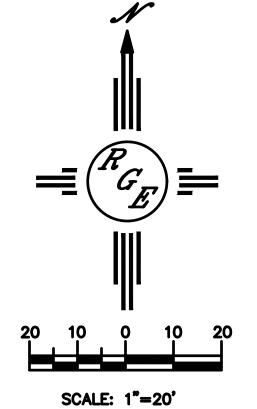
LOT 20 BLOCK 5 UNIT 18 VOLCANO CLIFFS
CITY OF ALQUQUERQUE, BERNALILLO COUNTY NEW MEXICO

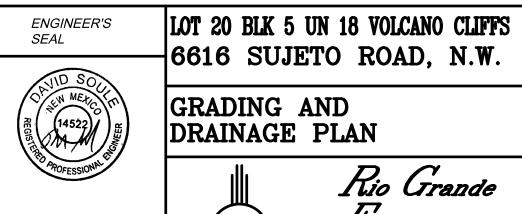
1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.

- 2. ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.
- 3. ANY PERIMETER WALLS MUST BE PERMITED SEPARATELY. ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.
- 4. SURVEY INFORMATION PROVIDED BY COMMUNITY SCIENCES CORPORATION USING NAVD DATUM 1988.

LEGEND

	EXISTING CONTOUR
	EXISTING INDEX CONTOUR
XXXX .	PROPOSED CONTOUR
XXXX	PROPOSED INDEX CONTOUR
x XXXX	EXISTING SPOT ELEVATION
■ XXXX	PROPOSED SPOT ELEVATION
	BOUNDARY
	PROPOSED EARTHEN SWALE
	ADJACENT BOUNDARY
=========	EXISTING CURB AND GUTTER
	PROPOSED GRAVEL DRIVEWAY
	PROPOSED RETAINING WALL





3/15/20

DAVID SOULE P.E. #14522

Rio Grande **Lingineering** 1606 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106

OT 20 BLK 5 UN 18 VOLCANO CLIFFS.DW SHEET# C1 JOB#

 BY DEM

DATE 3-12-20

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.