# CITY OF ALBUQUERQUE

*Planning Department* Brennon Williams, Director



Mayor Timothy M. Keller

August 26, 2020

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

### RE: Lot 10A Block 7 S.A.D. 227 Unit 5 8009 Shiprock NW Grading and Drainage Plan Engineers Stamp Date 8/12/2020 (E10D082)

Dear Mr. Soule,

PO Box 1293 Based upon the information provided in your submittal received 8/26/2020, 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: 8009 SHIPROCE	Hydrology File #:			
DRB#:				
Legal Description: LOT 10A	block 7 volcano (	CLIFFS UNIT 5		
City Address: 8009 SHIPRO	DCK DR NW			
Applicant:			Contact:	
Address:				
Phone#:			E-mail:	
Other Contact: RIO GRANDE		Contact:	DAVID SOULE	
Address: PO BOX 93924 P	LB NM 87199			
Phone#: 505.321.9099	<b>Fax</b> #:	.0999	E-mail:	avid@riograndeengineering.com
TYPE OF DEVELOPMENT:				
Check all that Apply:				
DEPARTMENT: X HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION	ſ	TYPE OF APPROVA <u>×</u> BUILDING PER CERTIFICATE (	MIT APPR	OVAL
TYPE OF SUBMITTAL: ENGINEER/ARCHITECT CERTI PAD CERTIFICATION CONCEPTUAL G & D PLAN X GRADING PLAN DRAINAGE REPORT DRAINAGE MASTER PLAN DRAINAGE MASTER PLAN FLOODPLAIN DEVELOPMENT ELEVATION CERTIFICATE CLOMR/LOMR TRAFFIC CIRCULATION LAYC TRAFFIC IMPACT STUDY (TIS TRAFFIC IMPACT STUDY (TIS PRE-DESIGN MEETING? IS THIS A RESUBMITTAL?:Yes	PERMIT APPLIC DUT (TCL) )	PRELIMINARY   SITE PLAN FOR   SITE PLAN FOR   FINAL PLAT AN   SIA/ RELEASE   FOUNDATION I   GRADING PERI   SO-19 APPROV   PAVING PERMI   GRADING/ PAD   WORK ORDER A   CLOMR/LOMR   FLOODPLAIN D   OTHER (SPECID)	R SUB'D A R BLDG. P PPROVAL OF FINAN PERMIT A MIT APPR AL IT APPRO CERTIFI PPROVAL	APPROVAL ERMIT APPROVAL CIAL GUARANTEE PPROVAL OVAL VAL CATION
DATE SUBMITTED:	By:			
COA STAFF:	ELECTRONIC SUE	BMITTAL RECEIVED:		

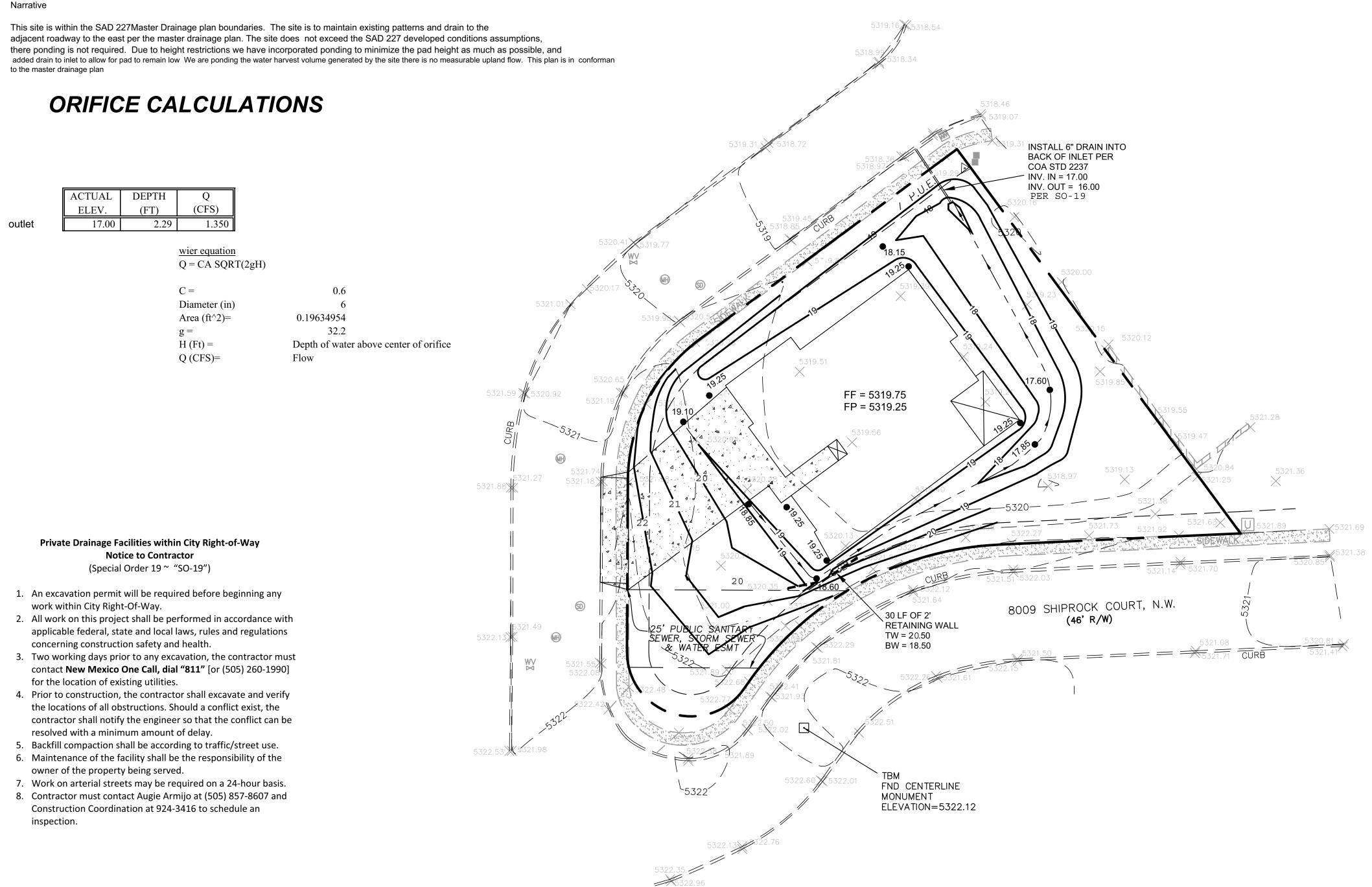
Weighted E Method															
												100-Yea	r, 6-hr.		24 hour
Basin	Area	Area	Treat	ment A	Treat	ment B	Treat	ment C	Treat	ment D	Weighted E	Volume	Flow		Volume
	(sf)	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	(ac-ft)	(ac-ft)	cfs		(ac-ft)
ALLOWED	18104.00	0.416	0%	0	24%	0.100	40%	0.1662	36%	0.150	1.266	0.044	1	.33	0.050
PROPOSED	18104.00	0.416	0%	0	24%	0.100	42%	0.1746	34%	0.141	1.246	0.043	1	.32	0.049
COMPARISON												-0.001			-0.001

### 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 s	storm- zone 1 Ea= 0.44 Eb= 0.67 Ec= 0.99 Ed= 1.97	Qa= 1.29 Qb= 2.03 Qc= 2.87 Qd= 4.37
ONSITE Conditons FIRST FLUSH WATER QUA	LITY VOLUME REQUIRED	PROVIDED
WATER QUALITY FLOOD CONTROL	(CF) 0 0	(CF) 0 0



### **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:**

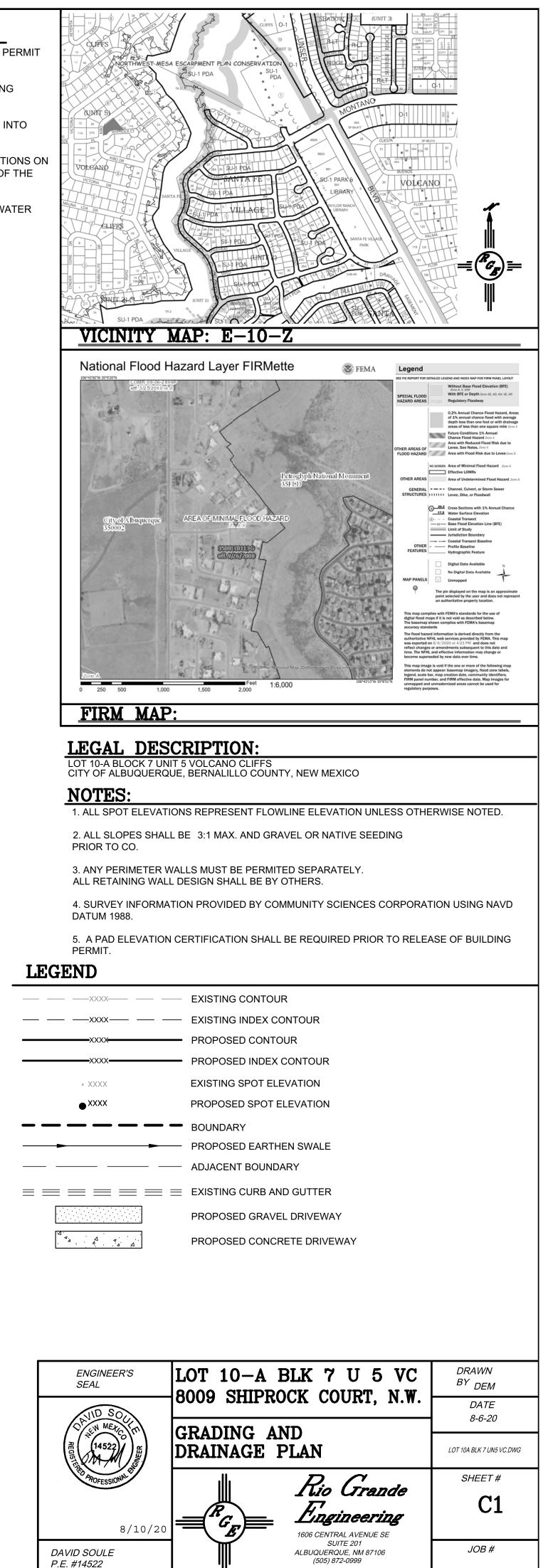
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.

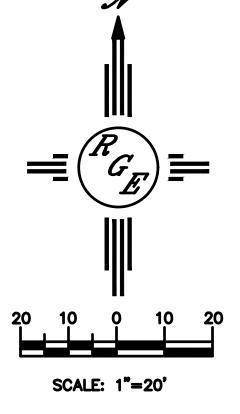
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.

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.





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