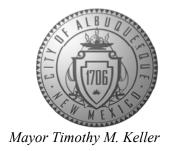
CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



June 2, 2021

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

RE: 6432 Dennison Rd. SW

Grading and Drainage Plan Engineer's Stamp Date: 05/20/21

Hydrology File: K11D090

Dear Mr. Soule:

Based upon the information provided in your submittal received 05/20/2021, the Grading and Drainage Plan is approved for Building Permit and Grading Permit. Since this site appears to be mass graded and appears to have need little grading, a pad certification is not needed for this

project.

Albuquerque Please attach a copy of this approved plan in the construction sets for Building Permit processing

along with a copy of this letter. Prior to approval in support of Permanent Release of Occupancy

by Hydrology, Engineer Certification per the DPM checklist will be required.

NM 87103

PO Box 1293

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

www.cabq.gov

Sincerely,

Renée C. Brissette, P.E. CFM Senior Engineer, Hydrology

Renée C. Brissette

Planning Department



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 6432 DENNISON	_ Building Perr	mit #:	Hydrology File #: Work Order#:				
DRB#:	EPC#:						
Legal Description: LOI 2, BLOCK C	ALAMOSA A	DDITION					
City Address: 6432 DENNISON				-			
Applicant:			Contact:				
Address:							
Phone#:			E-mail:				
Other Contact: RIO GRANDE ENGIN	EERING		Contact:	DAVID SOULE			
Address: PO BOX 93924 ALB NM							
Phone#: 505.321.9099	The state of the s	72.0999	E-mail: d	avid@riograndeengineering.com			
TYPE OF DEVELOPMENT: PLAT							
Check all that Apply:							
DEPARTMENT: X HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION		TYPE OF APPROVA	MIT APPR	OVAL			
TYPE OF SUBMITTAL:							
ENGINEER/ARCHITECT CERTIFICATIO	N	PRELIMINARY					
PAD CERTIFICATION		SITE PLAN FOR					
CONCEPTUAL G & D PLAN RADING PLAN		SITE PLAN FOR FINAL PLAT A					
DRAINAGE REPORT		TINAL ILAI AI	IIKOVAI	_			
DRAINAGE MASTER PLAN	•	SIA/ RELEASE	OF FINAN	ICIAL GUARANTEE			
FLOODPLAIN DEVELOPMENT PERMIT	APPLIC	FOUNDATION I					
ELEVATION CERTIFICATE	111210	GRADING PERI					
CLOMR/LOMR		SO-19 APPROV					
TRAFFIC CIRCULATION LAYOUT (TCI	2)	PAVING PERMI		VAL			
TRAFFIC IMPACT STUDY (TIS)	•	GRADING/ PAD	CERTIFI	CATION			
STREET LIGHT LAYOUT		WORK ORDER A	PPROVAL				
OTHER (SPECIFY)	_	CLOMR/LOMR					
PRE-DESIGN MEETING?		FLOODPLAIN D	EVELOPI	MENT PERMIT			
IS THIS A RESUBMITTAL?: YesX	No	OTHER (SPECI	FY)				
DATE SUBMITTED:	·						
COA STAFF:	ELECTRONIC S	SUBMITTAL RECEIVED:					
	FEE PAID:						

Weighted E Method

											100	-Year, 6-hr	•	100 yr 10-D
Basin	Area	Area	Treat	ment A	Trea	atment 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)
Historical	6120.00	0.140	0%	0	50%	0.070	50%	0.070	0%	0.000	0.915	0.011	0.38	0.011
PROPOSED	6120.00	0.140	0%	0	30%	0.042	33%	0.046	45%	0.063	1.628	0.019	0.54	0.025

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(zone2) Ea= 0.62 Eb= 0.8

Ed= 2.33

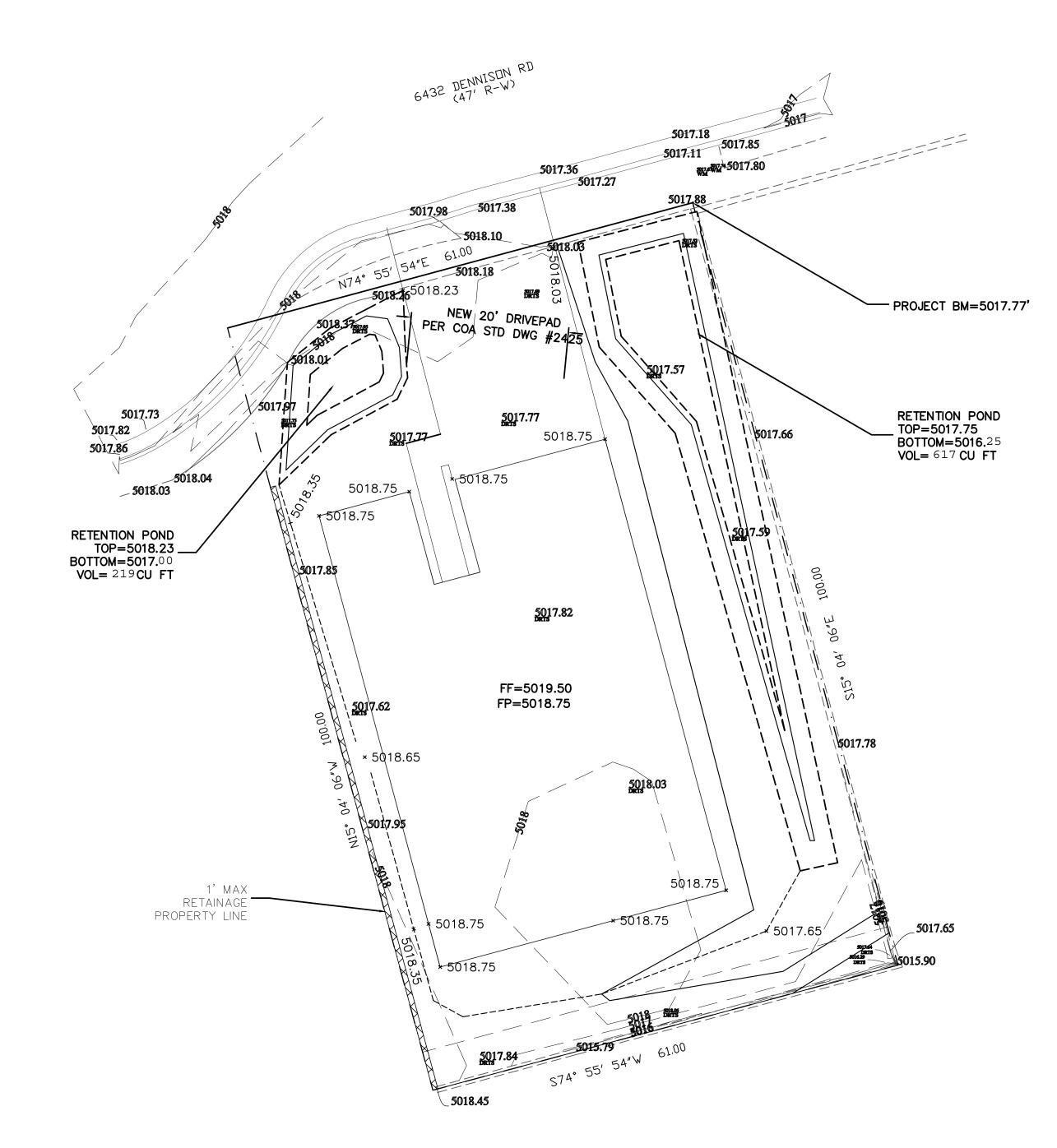
Developed Conditions

HISTORICAL DISCHARGE

467 CF 1078 CF PROPOSED DISCHARGE INCREASE PROVIDED

Qb= 2.28

This site is an redevelopment of a lot in a fully developed area. The existing lots all free discharge. Based upon the existing development pattern and lot size the drainage shall be handled by retaining the entire 100-year 6-hour volume which is greater than the increase in volume generated by the 10- day event. The ponds will overlow to the Street the event of a storm exceeding the 100-year event. The site is not impacted by upland flow

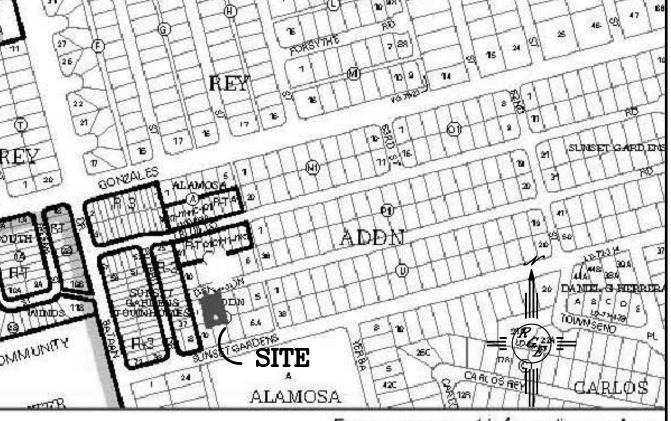


CAUTION:

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.



For more current information and mor VICINITY MAP: National Flood Hazard Layer FIRMette 0.2% Arthual Charter Floor Haustra, Area of 1% a thual Charter floor with average depth less that are for a wind training areas of less than are source this town Auto Conditions 11: Annual Chance Floor Heaters In mil LOZARD Area wick Floor Risk Ove to tex EVective IQ MRs OF HER AREAS Area of Unoccumintor Reso Nation Law Limital Suddy
Limitalistic Bauddony
Cassul Transco, Basdire
Profile Basdire
Hydrographic Fanors Digital Data Available Na Digirol De o Aveileble Unmeppo

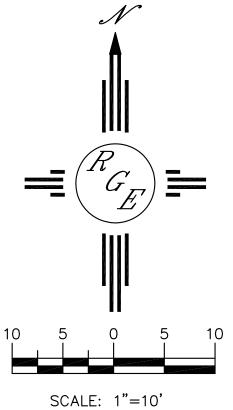
LEGAL DESCRIPTION: LOT 2, BLOCK C ALAMOSA ADDITION

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE

2. ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.

LEGEND

---- EXISTING CONTOUR ---- EXISTING INDEX CONTOUR — PROPOSED CONTOUR - PROPOSED INDEX CONTOUR SLOPE TIE EXISTING SPOT ELEVATION × XXXX * XXXX PROPOSED SPOT ELEVATION ----- LOT LINE CENTERLINE - RIGHT-OF-WAY PROPOSED 4" PVC SD ---- GRAVEL LINED SWALE

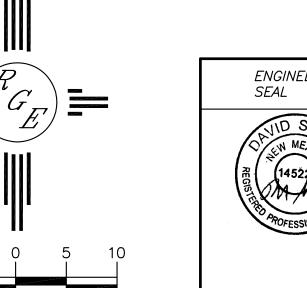


Planning Department Development Review Services HYDROLOGY SECTION

APPROVED

DATE: 06/02/21

BY: K11D090



ENGINEER'S SEAL	6432 DENNISON	DRAWN BY WCWJ		
SAVID SOUL		DATE 5–19–21		
REGISTATION OF THE PARTY OF THE	GRADING AND DRAINAGE PLAN	210210052-LAYOUT-5-18-21		
AROFESSIONIAL E	Rio Grande	SHEET #		
5/20/21	Ingineering 1606 CENTRAL AVENUE SE	_		
DAVID SOULE P.E. #14522	SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0999	JOB # 21021052		
	"	2,32,332		