CITY OF ALBUQUERQUE

Planning Department David Campbell, Director



October 5, 2018

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

RE: Lot 50 Block 6, Volcano Cliffs, Unit 22, SAD 228 6209 Canavio NW Grading and Drainage Plan Engineers Stamp Date 10/1/18 (D10D003V50)

Dear Mr. Soule,

Based upon the information provided in your submittal received 10/1/18, this plan is approved for Grading Permit.

PO Box 1293 Prior to Building permit approval a Pad Certification will be required, provided by the Engineer or a registered Land Surveyor.

Albuquerque Please inform the builder/owner to attach a copy of this approved plan and letter to the construction sets in the permitting process prior to sign-off by Hydrology.

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.

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

www.cabq.gov

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

Sincerely,

Renée Brissetto

Renee Brissette, P.E. Senior Engineer, Hydrology Planning Department

RR/RB C: File D10D003V50

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City of Albuquerque

Planning Department Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Applicant: SUN VALLY HOMES Contact:	Project Title: 6209 CANAVIO	_Building Permit	#:	Hydrole	ogy File #:
Legal Description: Lot 50 BLOCK 6 VOLCANO CLIFFS UNIT 22 City Address: 6209 CANOVIO Applicant: SUN VALLY HOMES Address:	DKB#:	_ EPC#:		Work (Drder#:
Applicant: SUN VALLY HOMES Contact:	Legal Description: _lot 50 BLOCK 6	VOLCANO CL	IFFS UNIT	22	
Address:	City Address: 6209 CANOVIO		*****		
Phone#:	Applicant: SUN VALLY HOMES			Contact:	
Other Contact: RIO GRANDE ENGINEERING Contact: DAVID SOULE Address: PO <box< td=""> 93924 ALB<nm< td=""> 87199 </nm<></box<>					·····
Address: PO <box 93924<="" td=""> ALB NM 87199 Phone#: 505.321.9099 Fax#: 505.872.0999 E-mail: david@riograndeengineering.com TYPE OF DEVELOPMENT: PLAT RESIDENCE DRB SITEADMIN SITE Check all that Apply: </box>					
Phone#: 505.321.9099 Fax#: 505.872.0999 E-mail: david@riograndeengineering.com TYPE OF DEVELOPMENT: PLAT RESIDENCE DRB SITEADMIN SITE Check all that Apply:				Contact:	DAVID SOULE
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TYPE OF DEVELOPMENT: PLAT RESIDENCE DRB SITEADMIN SITE Check all that Apply:	Phone#: 505.321.9099	_ Fax#:	0999	E-mail: ^{da}	avid@riograndeengineering.com
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Weighted E Method														
												100-Year	⁻ , 6-hr.	
Basin	Area	Area	Treat	ment A	Treat	ment B	Treati	ment C	Treati	ment D	Weighted E	Volume	Flow	
	(sf)	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	(ac-ft)	(ac-ft)	cfs	
ALLOWED	13850.00	0.318	0%	0	20%	0.064	46%	0.1463	34%	0.108	1.259	0.033		1.02
PROPOSED	13850.00	0.318	0%	0	20%	0.064	43%	0.1367	37%	0.118	1.289	0.034		1.04
COMPARISON												0.001		

Equations:

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

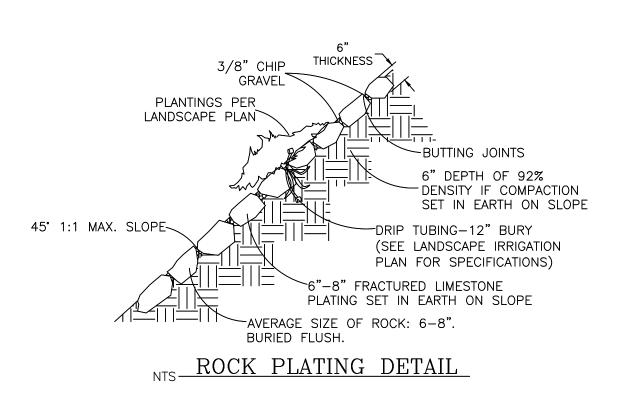
Volume = Weighted D * Total Area	

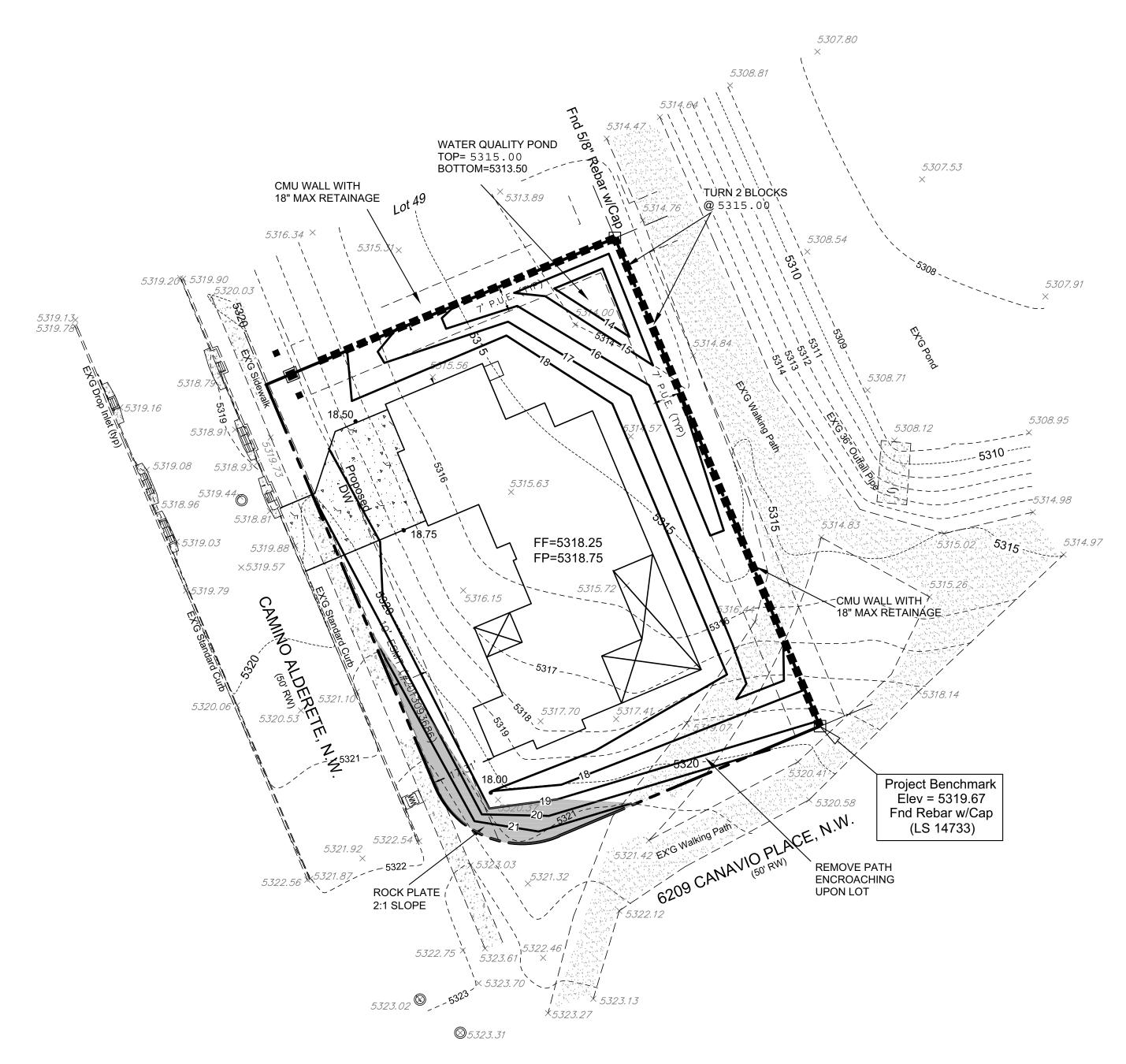
Flow = Qa * Aa + Qb * Ab + Qc * Ac + Qd * Ad

Where for 100-year, 6-hou	ur storm- zone 1					
-	Ea= 0.44					
	Eb= 0.67	Qb= 2.03				
	Ec= 0.99	Qc= 2.87				
	Ed= 1.97	Qd= 4.37				
ONSITE Conditons FIRST FLUSH WATER Q	UALITY VOLUME					
	REQUIRED	PROVIDED				
	(CF)	(CF)				
WATER QUALITY	145	190				
FLOOD CONTROL	34	190				

Narrative

This site is within the SAD 226 Master Drainage plan boundaries. The site is to maintain existing patterns and drain to the the adjacent pond lot to east per the master drainage plan. We are ponding the water harvest volume generated by the site there is not measurable upland flow. This plan exceeds the allowed impervious area therefore we are required to retain the overage. This plan is in conformance to the master drainage plan





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.

