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 4 Block 4 Volcano Cliffs Unit 22 SAD 228 6416 Papagayo Dr. NW Grading and Drainage Plan Engineers Stamp Date 2/22/2021 (D10D003D4) Pad Certification Date 8/10/2021

Mr. Soule,

Based upon the information provided in your submittal received 8/24/2021, this plan is approved for Building Permit.

PO Box 1293 Please inform the builder/owner to attach a copy of this approved plan and this letter to the construction sets in the permitting process prior to sign-off by Hydrology.

AlbuquerqueReiterate 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, let the
owner/contractor know that if a pool is to be added in the future the G&D plan will need to
be modified showing the location of the pool and the land treatment differences.

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist of this plan will be required.

www.cabq.gov

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



City of Albuquerque

Planning Department Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: 6416 papagagayo DRB#:	Building Permit	#:	Hydrol	ogy File #:
DRB#:	_ EPC#:	<u> </u>	Work	Order#:
Legal Description: LOT 4, Block 4	1 VOLCANO	CLIFFS U	NIT 22	
City Address: 6416 papagayo				
Applicant:			Contact:	
Address:				
Phone#:	_Fax#:		E-mail:	
Other Contact: <u>RIO GRANDE ENGINE</u>	ERING		Contact:	DAVID SOULE
	07100			
Address: <u>PO BOX 93924</u> ALB NM Phone#: 505.321.9099	Fax#: 505.872	.0999	E-mail: ^d	avid@riograndeengineering.com
TYPE OF DEVELOPMENT: PLAT				
Check all that Apply:				
DEPARTMENT: <u>×</u> HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION			PPROVAL/ACCE ING PERMIT APPE FICATE OF OCCUI	
TYPE OF SUBMITTAL: ENGINEER/ARCHITECT CERTIFICATION X PAD CERTIFICATION CONCEPTUAL G & D PLAN GRADING 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?: X Yes	PPLIC	SITE PI SITE PI FINAL SIA/ RE GRADI GRADI PAVING GRADI CLOME FLOOD	PLAT APPROVAL ELEASE OF FINAN DATION PERMIT A NG PERMIT APPR APPROVAL G PERMIT APPRO NG/ PAD CERTIF ORDER APPROVAL	APPROVAL PERMIT APPROVAL L ICIAL GUARANTEE APPROVAL ROVAL ICATION L MENT PERMIT
DATE SUBMITTED:				
COA STAFF:			/ED:	-

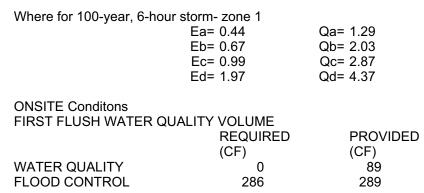
Weighted E Method															
												100-Yea	r, 6-hr.		24 hour
Basin	Area	Area	Treat	ment A	Treatment B		Treatment C		Treatment D		Weighted E	Volume	Flow		Volume
	(sf)	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	(ac-ft)	(ac-ft)	cfs		(ac-ft)
ALLOWED	14020.00	0.322	0%	0	20%	0.064	46%	0.1481	34%	0.109	1.259	0.034	1.)3	0.038
PROPOSED	14020.00	0.322	0%	0	20%	0.064	29%	0.0933	51%	0.164	1.426	0.038	1.	12	0.045
COMPARISON												0.004			0.007

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



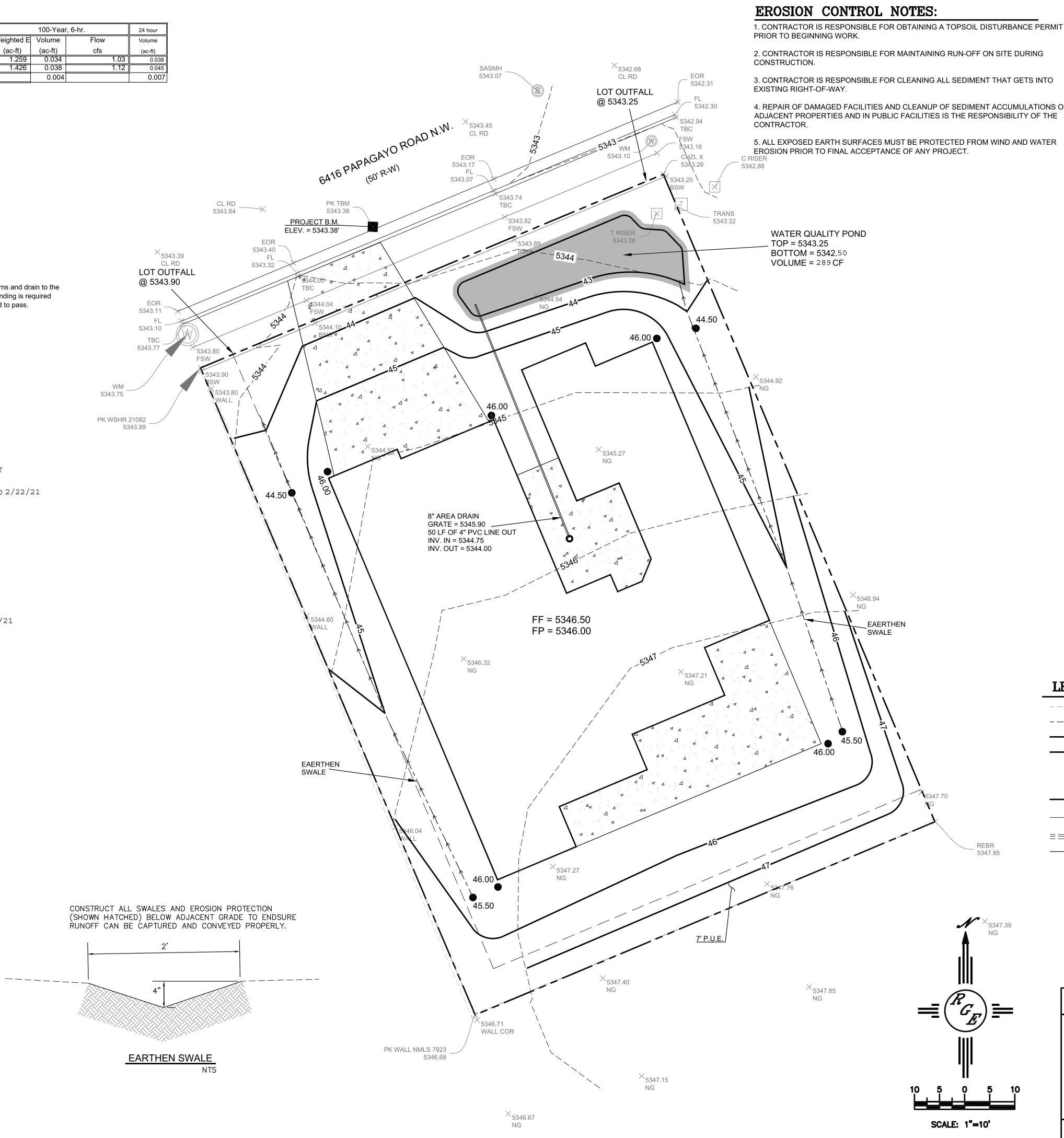
Narrative

This site is within the SAD 228 Master Drainage plan boundaries. The site is to maintain existing patterns and drain to the adjacent roadway. The site does exceed the SAD 228 developed conditions assumptions therefore ponding is required Upland flow has the ability to enter the site from the rear yard of the lot to the south, this flow is allowed to pass. This plan is in conformance to the master drainage plan

I, DAVID SOULE HAVE PERSONALLY INPECTED THE SITE. I HEREBY CERTIFY THE PAD HAS BEEN CONSTRUCTED SUCH THAT IT IS IN SUBSTANTIAL CONFORMANCE TO THE APPROVED GRADING PLAN DATED 2/22/21



8/10/21



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.

×5347.70

=

REBR

5347.85

5347.39

G_E)

SCALE: 1"=10'

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

