CITY OF ALBUQUERQUE

Planning Department Suzanne Lubar, Director



Mayor Richard J. Berry

February 7, 2017

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

RE: Lot 2 Block 2 Unit 22 Volcano Cliffs 8020 Canoncito Dr. NW (S.A.D. 228) Grading and Drainage Plan Engineers Stamp Date 2/2/17 (D10D0003C2)

Dear Mr. Soule,

Based upon the information provided in your submittal received 2/2/17, this plan cannot be approved for Grading Permit and Building Permit until the following comments are addressed.

PO Box 1293

- The turn blocks are located wrong, the turn blocks should be located in the 10' PUE, which will allow flows to pass through the rear yard, accepting flows from the north heading south, eventually entering Kimmick Road.
- Albuquerque

New Mexico 87103

- Show the 10' PUE in the rear yard. Provide a swale in the PUE, 1 foot away from the block wall.
 - Along with the 3" above grade statement, place the height of the block as a spot elevation.
- Provide a statement that a pad certification is required before a Building Permit is released.

Provide a statement that the block fence requires a separate permit and the approved grading plan must be provided with the plan set and permit.

www.cabq.gov

If you have any questions, please contact me at 924-3999 or Rudy Rael at 924-3977.

Sincerely,

Shahab Biazar, P.E. City Engineer, Albuquerque Planning Department

RR/SB C: File



City of Albuquerque

Planning Department Development & Building Services Division DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title:	Building Permit #:	City Drainage #:			
DRB#: EPC#:		Work Order#:			
Legal Description:					
City Address:					
Engineering Firm:		Contact:			
Address:					
Phone#: Fax#:		E-mail:			
Owner:		Contact:			
Address:					
Phone#: Fax#:		_ E-mail:			
Architect:		Contact:			
Address:					
Phone#: Fax#:		E-mail:			
Other Contact:		Contact:			
Address:					
Phone#: Fax#:		E-mail:			
TRAFFIC/ TRANSPORTATION MS4/ EROSION & SEDIMENT CONTROL		BUILDING PERMIT APPROVAL CERTIFICATE OF OCCUPANCY			
TYPE OF SUBMITTAL:					
ENGINEER/ ARCHITECT CERTIFICATION		RY PLAT APPROVAL			
		SITE PLAN FOR SUB'D APPROVAL SITE PLAN FOR BLDG. PERMIT APPROVAL			
CONCEPTUAL G & D PLAN		FINAL PLAT APPROVAL			
GRADING PLAN		SIA/ RELEASE OF FINANCIAL GUARANTEE			
DRAINAGE MASTER PLAN	FOUNDATIO	FOUNDATION PERMIT APPROVAL			
DRAINAGE REPORT	GRADING P	GRADING PERMIT APPROVAL			
CLOMR/LOMR	SO-19 APPR	SO-19 APPROVAL			
TRAFFIC CIRCUITATION LAVOUT (TOL)		RMIT APPROVAL			
TRAFFIC CIRCULATION LAYOUT (TCL) TRAFFIC IMPACT STUDY (TIS)		GRADING/ PAD CERTIFICATION			
EROSION & SEDIMENT CONTROL PLAN (ESC)		WORK ORDER APPROVAL			
	CLOMR/LON	/IK			
OTHER (SPECIFY)	PRE-DESIGN	MEETING			
	OTHER (SPE	ECIFY)			
IS THIS A RESUBMITTAL?: Yes No					
DATE SUBMITTED:By: _					

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED: ____

Weighted E Method

												100-Year, 6	-hr.
Basin	Area (sf)	Area (acres)	Treat %	ment A (acres)	Treat %	ment B (acres)	Treat %	ment C (acres)	Treatm %	ient D (acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs
NATIVE	14396.00	0.330	80%	0.2644	10%	0.033	10%	0.03305	0%	0.000	0.518	0.014	0.50
ALLOWED	14396.00	0.330	0%	0	10%	0.033	40%	0.13219	50%	0.165	1.448	0.040	1.17
PROPOSED	14396.00	0.330	0%	0	9%	0.030	33%	0.10906	39%	0.129	1.155	0.032	0.94
UPLAND	15998.00	0.367	0%	0	10%	0.037	40%	0.14691	50%	0.184	0.887	0.027	1.30
total													

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	Qa= 1.29
	Eb= 0.67	Qb= 2.03
	Ec= 0.99	Qc= 2.87
	Ed= 1.97	Qd= 4.37
ONSITE Conditons		
FIRST FLUSH WATER QUA	LITY VOLUME	
	REQUIRED	PRC
	(CF)	(CF)

159

PROVIDE
(CF)
800

WATER QUALITY

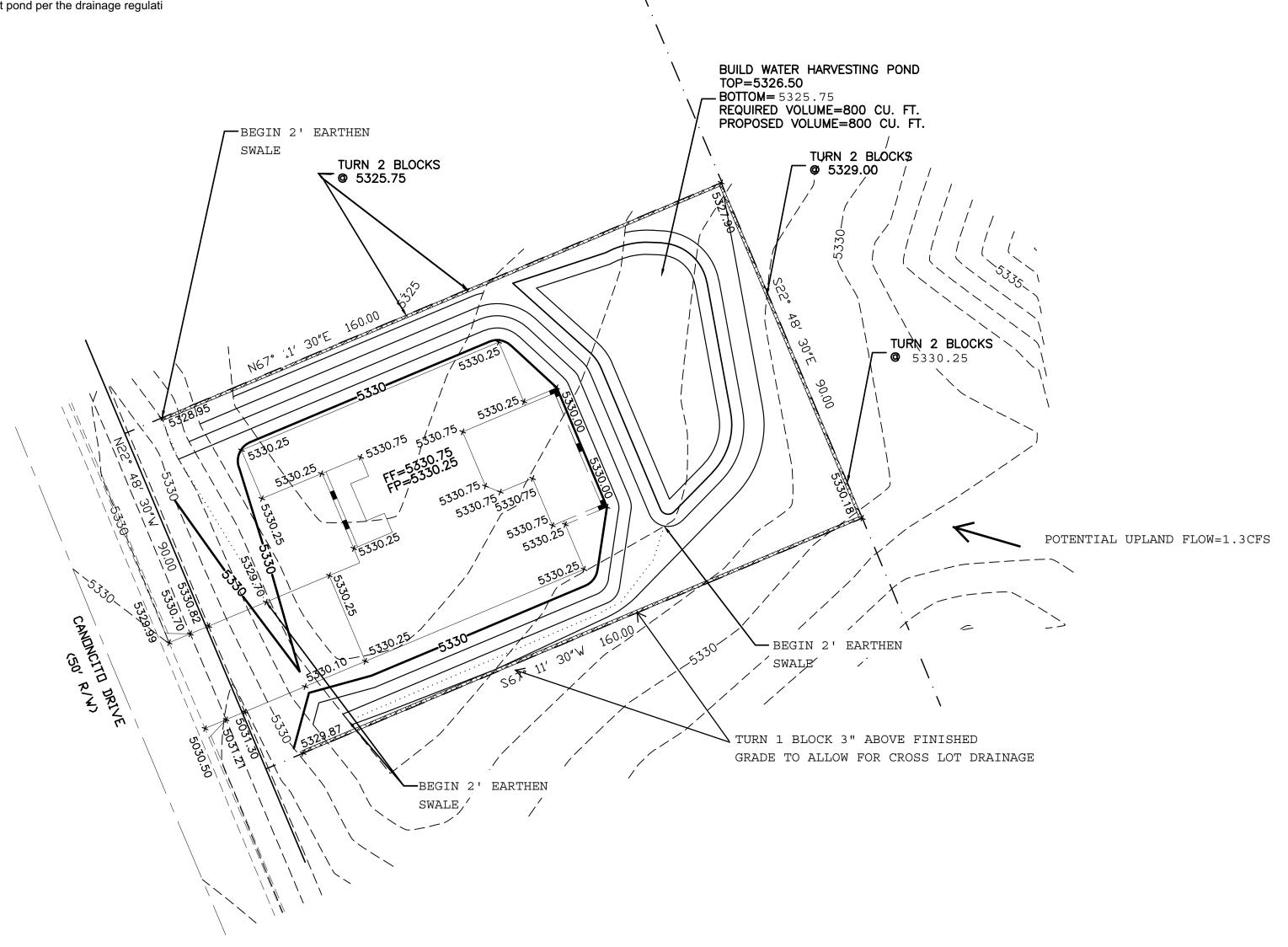
Narrative

This site is within the SAD 228 Master Drainage plan boundaries. The site is to maintain existing drainage patterns Due to the existing elevations, discharge to the street is not practical. The draina plan will maintain existing patters we are allowing the minor upland flow to pass thru the site. This plan has a shallow water harvest pond per the drainage regulati This plan is in conformance to the masterplan

Point Table				
Point #	Elevetion	Northing	Easting	Description
1	5326.56	1318313.56	1501011.10	ALUNN CAP
1007	3336.12	1518166.87	1501664.90	VH
1031	5332.83	1518004.87	150(74).23	CHES X



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.



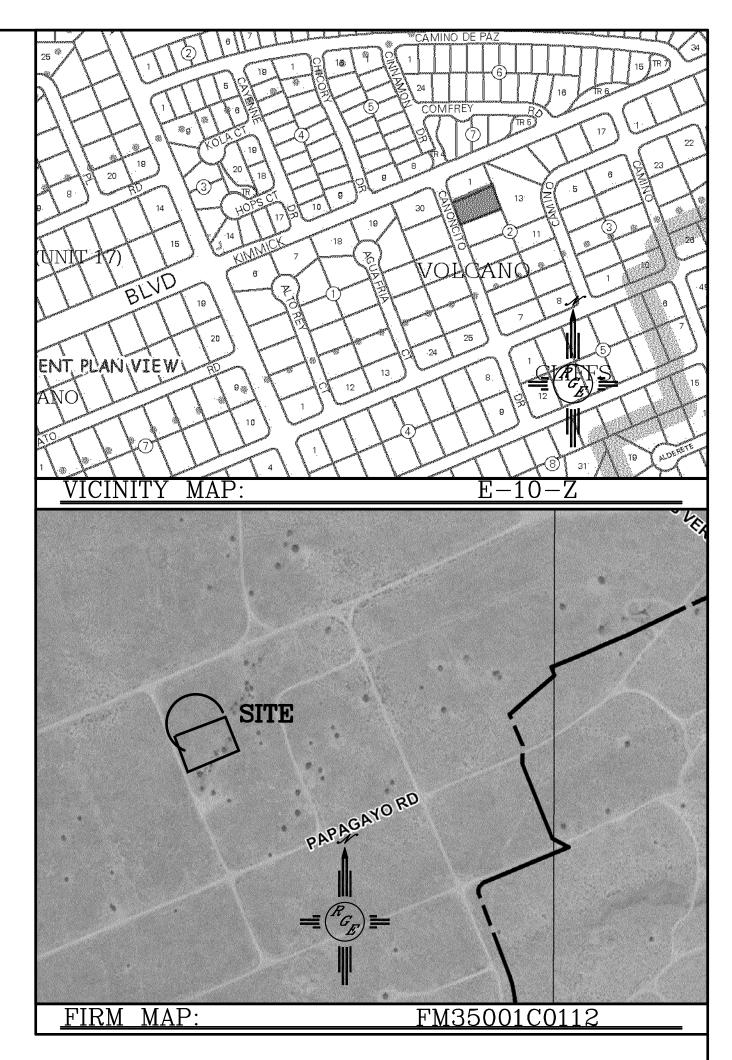
EROSION CONTROL NOTES: 1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.

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.



LEGAL DESCRIPTION: LOT 2 BLOCK 2, UNIT 22 VOLCANO CLIFFS

NOTES:

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 AND ALL WALLS SHALL BE PERMIT UNDER SEPERATE PERMIT PRIOR TO CONSTRUCTION. ALL WALLS MUST ALLOW FOR CROSS LOT DRAINAGE

LEGEND

	EXISTING CONTOUR
- — — — — — XXXX— — — — — — —	EXISTING INDEX CONTOUR
XXXX	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
►	SLOPE TIE
× XXXX	EXISTING SPOT ELEVATION
× XXXX	PROPOSED SPOT ELEVATION
	BOUNDARY
	CENTERLINE
	RIGHT-OF-WAY
============	EXISTING CURB AND GUTTER
	PROPOSED CMU SCREEN WALL

