

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

March 31, 2021

Sheldon Greer, P.E.
RESPEC
5971 Jefferson St. NE Suite 101
Albuquerque, New Mexico 87109

RE: **Lot 12 Block 1 Unit 22 SAD 228 Volcano Cliffs Subd.
8000 Alto Rey Ct. NW
Grading and Drainage Plan
Engineers Stamp Date 10/29/2020 (D10D003N12)
Pad Certification Date: 3/11/2021**

Mr. Greer,

Based upon the information provided in your submittal received 3/31/2021, this plan cannot be approved for Building Permit until the following comments are addressed..

PO Box 1293

- Remove all dirt from the street. Dirt is not allowed to use as a ramp for going over the curb, only lumber or crusher fines are acceptable.
- Remove the dirt in the channel, it is blocking the flow from Alto Rey Ct. to Agua Fria Ct.

Albuquerque

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. **Also, if a swimming pool is to be placed the grading and drainage plan will change and will need to be resubmitted.**

NM 87103

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist 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 11/2018)

Project Title: _____ **Building Permit #:** _____ **Hydrology File #:** _____

DRB#: _____ **EPC#:** _____ **Work Order#:** _____

Legal Description: _____

City Address: _____

Applicant: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Owner: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

TYPE OF SUBMITTAL: _____ PLAT (_____ # OF LOTS) _____ RESIDENCE _____ DRB SITE _____ ADMIN SITE

IS THIS A RESUBMITTAL?: _____ Yes _____ No

DEPARTMENT: _____ TRAFFIC/ TRANSPORTATION _____ HYDROLOGY/ DRAINAGE

Check all that Apply:

TYPE OF SUBMITTAL:

- _____ ENGINEER/ARCHITECT CERTIFICATION
- _____ PAD CERTIFICATION
- _____ CONCEPTUAL G & D PLAN
- _____ GRADING PLAN
- _____ DRAINAGE MASTER PLAN
- _____ DRAINAGE REPORT
- _____ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- _____ ELEVATION CERTIFICATE
- _____ CLOMR/LOMR
- _____ TRAFFIC CIRCULATION LAYOUT (TCL)
- _____ TRAFFIC IMPACT STUDY (TIS)
- _____ OTHER (SPECIFY) _____
- _____ PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- _____ BUILDING PERMIT APPROVAL
- _____ CERTIFICATE OF OCCUPANCY
- _____ PRELIMINARY PLAT APPROVAL
- _____ SITE PLAN FOR SUB'D APPROVAL
- _____ SITE PLAN FOR BLDG. PERMIT APPROVAL
- _____ FINAL PLAT APPROVAL
- _____ SIA/ RELEASE OF FINANCIAL GUARANTEE
- _____ FOUNDATION PERMIT APPROVAL
- _____ GRADING PERMIT APPROVAL
- _____ SO-19 APPROVAL
- _____ PAVING PERMIT APPROVAL
- _____ GRADING/ PAD CERTIFICATION
- _____ WORK ORDER APPROVAL
- _____ CLOMR/LOMR
- _____ FLOODPLAIN DEVELOPMENT PERMIT
- _____ OTHER (SPECIFY) _____

DATE SUBMITTED: _____ **By:** _____

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

Project Name: Petroglyph Estates
Project Address: 8000 Alto Ray CT
Pulte Site ID: Lot 12

Site Area	(sq. ft.)	14000
House Area	(sq. ft.)	5170
Driveway Area	(sq. ft.)	500
Other Imp Area	(sq. ft.)	1500
Total Imp. Area:		7170

AREA (SF)	% AREA	Q100 /ACRE (CFS/AC.) (1)	Q100 (cfs) (3)	DMP % (2)	DMP Q100 (cfs) (4)	DRAIN TO FRONT LOT AREA (sq. ft.)	DRAIN TO REAR LOT AREA (sq. ft.)	Q100 TO FRONT LOT (cfs)	Q100 TO REAR LOT (cfs)
A	0	0.0%	1.29	0.00	0.00	0	0	0.00	0.00
B	3415	24.4%	2.03	0.16	10.0%	300	3115	0.01	0.15
C	3415	24.4%	2.87	0.23	40.0%	300	3115	0.02	0.21
D	7170	51.2%	4.37	0.72	50.0%	600	6570	0.06	0.66
TOTAL	14000	100.00%		1.10	1.14		12800	0.09	1.01

NOTES: (1) Zone 1 - Table A-9 Albuquerque DPM
(2) Per Volcano Cliffs Drainage Management Plan
(3) Total Discharge
(4) Allowable Discharge

TABLE 2. WATER QUALITY STORM EVENT RUNOFF RATE AND VOLUME AS A PERCENT OF IMPERVIOUS AREA FOR 40-ACRE AND SMALLER SITES			
Percent Impervious (%D)	Runoff Depth (inches)	Runoff Rate (cfs/ac)	Runoff Volume (cubic feet/ac)
0	0	0	0
20	0.09	0.5	327
40	0.18	0.8	653
60	0.27	1.2	980
80	0.36	1.35	1037
100	0.46	1.5	1670

Table Interpolation:		Site Area (sq. ft.)	Site Area (ac.)	Imp. Area (Sq. ft.)	% Imp	Runoff Vol. (per ac.)				
		14000	0.32	7170	51.2%	0-20	20-40	40-60	60-80	80-100
						51.2	0	0	836.4	0
						Total Water Quality Volume Required: 268.8				
						Provided: 363.0				

Existing Conditions:

Proposed Conditions:

PAD CERTIFICATION

I SHELTON GREER P.E., NMPE 17154, OF THE ENGINEERING FIRM RESPEC, HEREBY CERTIFY, BASED ON SURVEY DATA PROVIDED BY BRIAN MARTINEZ, NMRRS 18374, THAT THE AS CONSTRUCTED PAD ELEVATION IS WITHIN 0.2' OF THE DESIGN ELEVATION AND THAT THE HORIZONTAL LIMITS OF THE AS CONSTRUCTED PAD ARE AS SHOWN.

SHELTON E. GREER, PE 17154

3/11/2021
DATE

