

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

November 2, 2020

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

RE: **Lot 2 Block 1 Volcano Cliffs Unit 22 SAD 228**
8001 Alto Rey Ct. NW
Grading and Drainage Plan
Engineers Stamp Date 10/29/2020 (D10D003N1)

Mr. Greer,

Based upon the information provided in your submittal received 10/30/2020, this plan is approved for Grading Permit.

Please attach a copy of this approved plan to the construction sets in the permitting process prior to sign-off by Hydrology.

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

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.**

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

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

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov



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: _____

		DRAIN TO DRAIN									
		FRONT			REAR			DRAIN TO		DRAIN TO	
		DMP			DMP			Q100		Q100	
		LOT			LOT			FRONT		REAR	
AREA	% AREA	Q100	Q100	Q100	Q100	Q100	Q100	Q100	Q100	Q100	Q100
(SF)	(Ac.)	(CFS/Ac.)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
		(1)			(2)			(3)		(4)	
A	0	0.0%	2.09	0.00	0.00	0.00	0	0	0.00	0.00	0.00
B	3415	24.4%	0.23	0.16	0.00	0.07	300	3115	0.01	0.01	0.15
C	3415	24.4%	2.87	0.23	40.0%	0.37	300	3115	0.02	0.02	0.21
D	7120	51.2%	4.37	0.72	50.0%	0.70	600	6570	0.46	0.46	0.60
TOTAL	14400	100.0%	1.10			1.14		12800	0.09	0.09	1.01

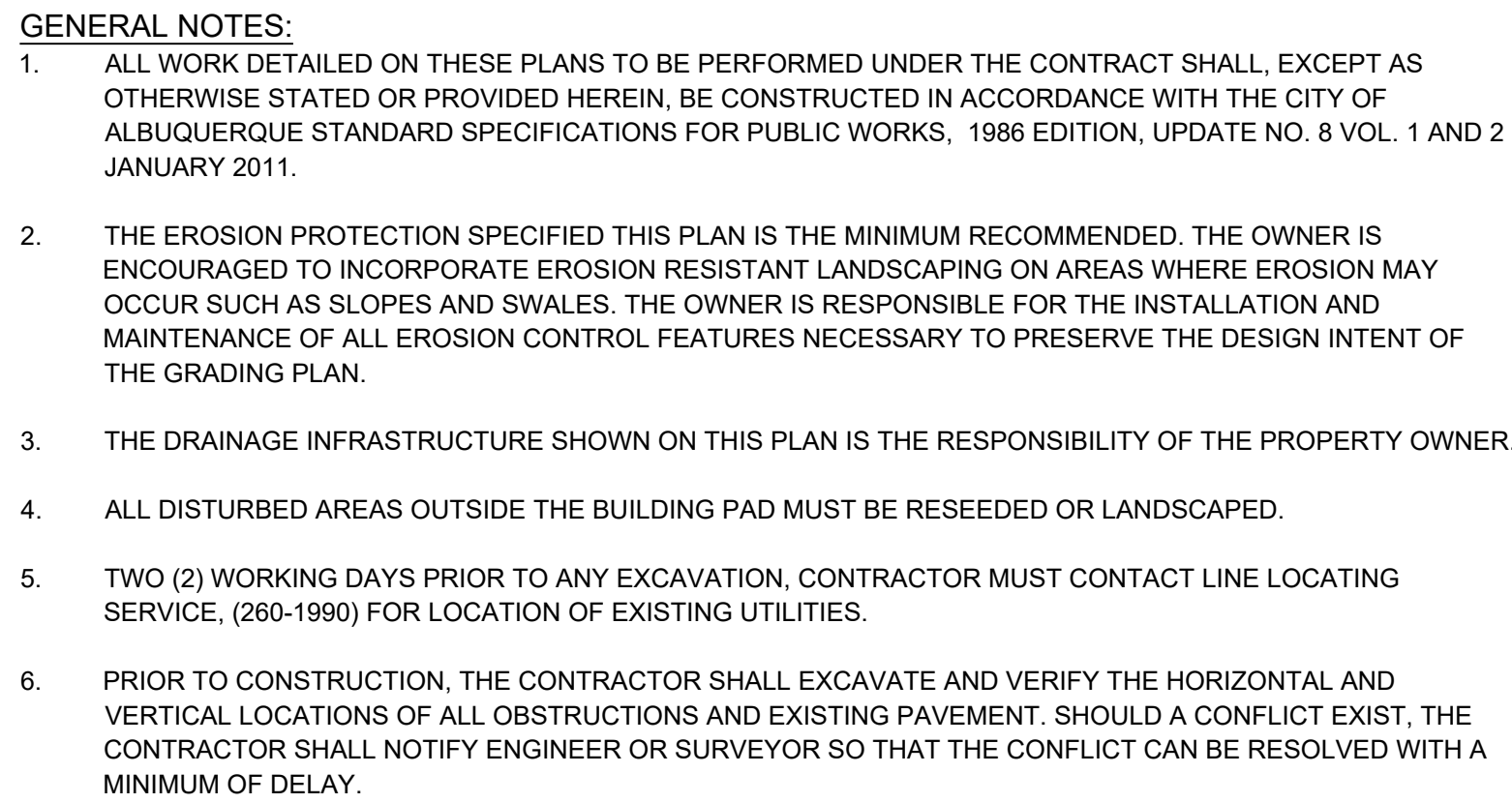
NOTES: (1) Zone 1 - Table A-9 Albuquerque DPM
(2) Per Volcano Cliffs Drainage Management Plan
(3) Total Discharge
(4) Allowable Discharge

Existing Conditions:

Proposed Conditions:

0.45 Inches of runoff from Imp. Area

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
VOLUME	1.00	1.25	12967.26 Sq. Ft.	37.68 Cu. Yd.	1069.27 Cu. Yd.	1031.60 Cu. Yd.<Fill>
Totals			12967.26 Sq. Ft.	37.68 Cu. Yd.	1069.27 Cu. Yd.	1031.60 Cu. Yd.<Fill>



NOTE: THE ENGINEER HAS UNDERTAKEN LIMITED FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES. MAKES NO REPRESENTATION PERTAINING THERETO AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE ARE OF WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.

NOTE:
THESE DRAWINGS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

NOTE:
THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, ARE INTENDED FOR USE ON THIS PROJECT AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF RESPEC INC. IN THE EVENT OF UNAUTHORIZED USE, THE USER ASSUMES ALL RESPONSIBILITY AND LIABILITY WHICH RESULTS.

EROSION CONTROL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING OF 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 RESPONSIBILITIES OF THE CONTRACTOR.**
5. **ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.**


LEGEND

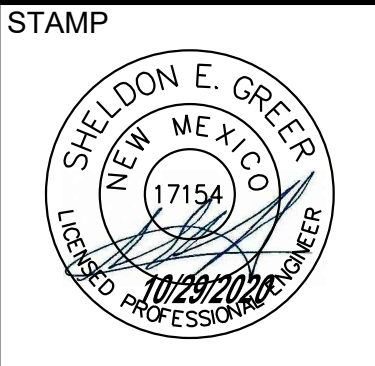
TW = TOP OF WALL
FG = FINISHED GROUND
EG = EXISTING GROUND
FL = FLOW LINE
EOD = EDGE OF DRIVEWAY
FP = FINISHED PAD
TOB = TOP OF BERM

KEYED NOTES

1. EXISTING PROPERTY LINE
2. EXISTING 10' P.U.E.
3. EXISTING STANDARD CURB AND GUTTER
4. EXISTING SIDEWALK
5. PAD EXTENTS
6. HIGH POINT OF SWALE
7. SWALE
8. MATCH DRIVEWAY TO BACK OF EXISTING SIDEWALK
9. IF PERIMETER WALL INSTALLED THEN PROVIDE TURNED BLOCK TO ALLOW FOR CROSS LOT DRAINAGE
10. PROPOSED DRIVEWAY LOCATION, DRIVEWAY PERMIT BY OTHERS
11. EXISTING WALL ADJACENT TO PROPERTY (RETAINING WALL MAY HAVE TO BE ADJUSTED WHEN EXISTING WALL ARE ENCOUNTERED.)
12. EXISTING 7' P.U.E.
13. 6" RIPRAP RUNDOWN



 RESPEC COMMUNITY DESIGN SOLUTIONS 10000 WILSONS WOODS RD E 100 #100, BUCKINGHAM, ONTARIO L9B 4G1 TEL: 905-233-9718 WWW.RESPEC.COM	DESIGNED BY	DESIGN BY
	DRAWN	DRAWN BY
	CHECKED	CHECKED BY
DATE	10/29/2020	
REVISION		



THIS DRAWING IS INCOMPLETE
AND NOT TO BE USED FOR
CONSTRUCTION UNLESS IT IS
STAMPED, SIGNED AND DATED



**PETROGLYPH ESTATES
8001 ALTO RAY CT
PULTE ID 1**

GRADING AND DRAINAGE PLAN

GRADING PERMIT

SHEET NUMBER:

1 OF 1

NAME: L:\Active Projects\04197 Petroglyph Estates\3. DWG\Sheets\04197 Lot 1.dwg PLOT DATE: Oct 29, 2020 9:47am