



# 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:	8001 Alto Ray CT
Parcel Site ID:	Lot 1
Site Area	(sq. ft.)
House Area	(sq. ft.)
Driveway Area	(sq. ft.)
Other Imp Area	(sq. ft.)
<b>Total Imp. Area:</b>	

		Q100	Q100		DMP	DMP	LOT	LOT	FRONT	REAR
	AREA	AREA	Q100		Q100	Q100	AREA	AREA	LOT	LOT
	(SF)	% AREA	(cfs)		(cfs)	(cfs)	(sq. ft.)	(sq. ft.)	(cfs)	(cfs)
A	0	0.0%	1.29	0.00	0.00	0.00	0	0	0.00	0.00
B	3415	24.4%	2.01	0.16	10.0%	0.07	300	3115	0.01	0.15
C	3415	24.4%	2.87	0.23	40.0%	0.37	300	3115	0.12	0.21
D	7170	51.2%	4.37	0.72	50.0%	0.70	600	6570	0.06	0.66
TOTAL	14000			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

**Existing Conditions:**  
The existing site is not within a designated flood zone. The site surface drains to the drainage channel on Lots 9 and 16.

**Proposed Conditions:**  
The proposed site improvements will include the construction of a single family residence with landscaping and onsite improvements. In accordance with the SAD 228 drainage management plan, the runoff will free discharge allowable discharge. The allowable discharge was determined by analysis of the basin including the lot. The lot use percentages of the basin were apportioned between roadways and lots based on area. The roof, driveway, and an additional 1500 sq. ft. for structure improvements are included in the impervious area percentage for the lot.

## DRAINAGE CERTIFICATION

I, JEREMY W. SHEEHY, E. NMPE 26341, OF THE ENGINEERING FIRM RESPEC, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN AND DRAINAGE INFORMATION PROVIDED TO ME BY THE CLIENT. THE INFORMATION EDITED onto the ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY THOMAS W. PATRICK, NMPS 12651, OF THE FIRM COMMUNITY SERVICE SERVICES. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON OR ABOUT 11/11/2014 AND THAT THE INFORMATION PROVIDED TO ME BY THE CLIENT PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR CERTIFICATE OF OCCUPANCY. THE INFORMATION PROVIDED TO ME BY THE CLIENT IS NOT TO BE USED FOR ANY OTHER PURPOSE AND I INTEND ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THESE RELYING ON THIS RECORD FOR ANY OTHER PURPOSE AND ANY OTHER USE OF THIS INFORMATION AT ANY TIME IS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

JEREMY W. SHELL, PE 26341

2/9/2023  
DATE



<b>Percent Impervious (%)</b>	<b>Runoff Depth (inches)</b>	<b>Runoff Rate (cfs/ac)</b>	<b>Runoff Volume (cubic feet/ac)</b>
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

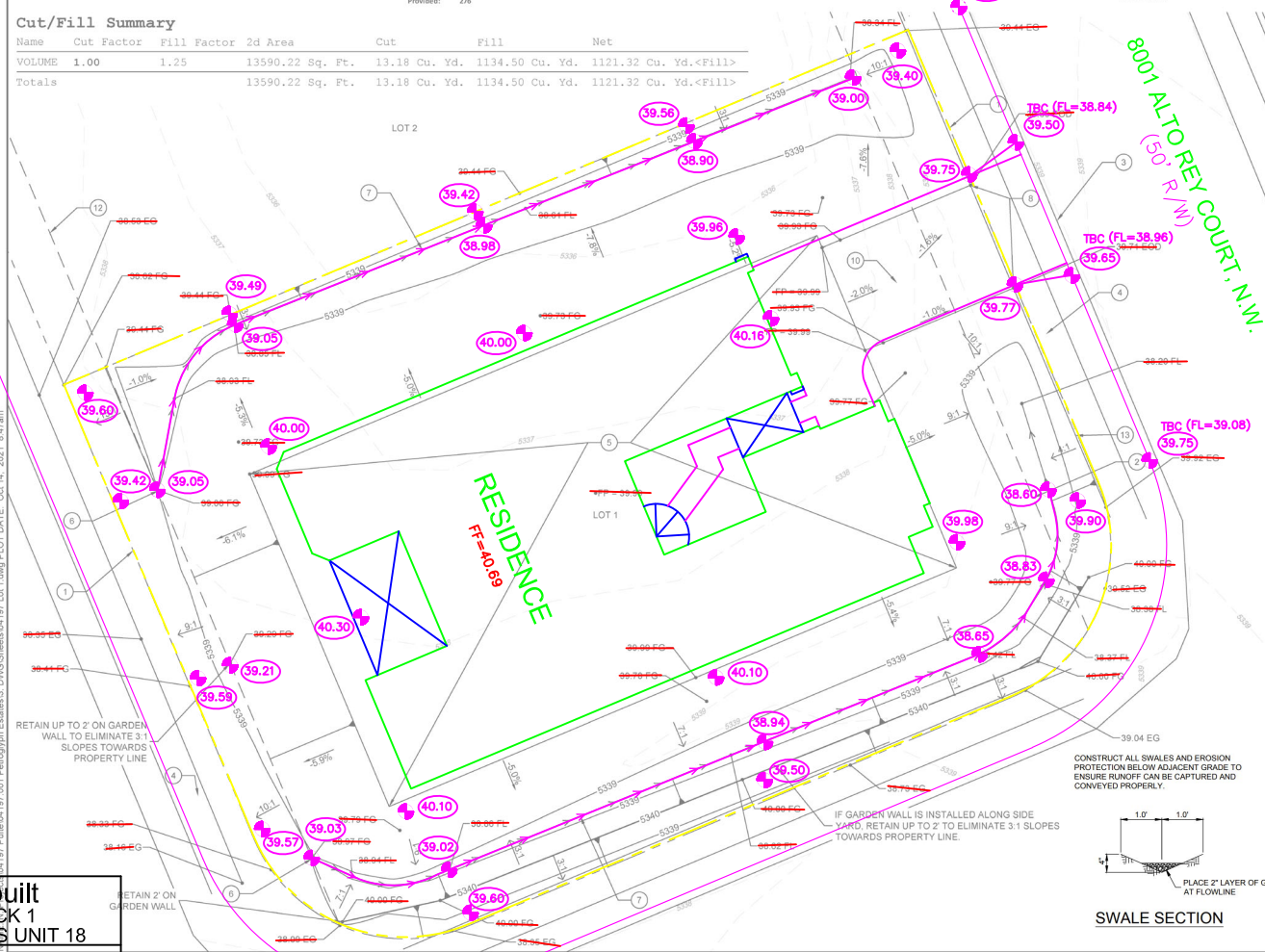
	Site Area (sq. ft.)	Site Area (ac.)
Table Interpolation:	14000	0.32

	Runoff Vol. (per ac.)				
	0-20	20-40	40-60	60-80	80-100
51.2	0	0	836.4	0	0

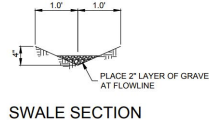
Total Water Quality Volume Required:	269	0.45 inches of runoff from imp. Area
Provided:	276	

## Cut/Fill Summary

Name	Cut	Factor	Fill	Factor	2d Area	Cut	Fill	Net
VOLUME	1.00		1.25		13590.22 Sq. Ft.	13.18 Cu. Yd.	1134.50 Cu. Yd.	1121.32 Cu. Yd.<Fill>
Totals					13590.22 Sq. Ft.	13.18 Cu. Yd.	1134.50 Cu. Yd.	1121.32 Cu. Yd.<Fill>



## SWALE SECTION



## GENERAL NOTES

1. ALL WORK DETAILED THESE PLANS TO BE PERFORMED UNDER THE CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS, 1986 EDITION, UPDATE NO. 8 VOL. 1 AND 2 JANUARY 2011.
2. THE EROSION PROTECTION SPECIFIED THIS PLAN IS THE MINIMUM RECOMMENDED. THE OWNER IS ENCOURAGED TO INCORPORATE EROSION RESISTANT LANDSCAPING ON AREAS WHERE EROSION MAY OCCUR SUCH AS SLOPES AND SWALES. THE OWNER IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL FEATURES NECESSARY TO PRESERVE THE DESIGN INTENT OF THE DRAINAGE PLAN.
3. THE DRAINAGE INFRASTRUCTURE SHOWN ON THIS PLAN IS THE RESPONSIBILITY OF THE PROPERTY OWNER.
4. ALL DISTURBED AREAS OUTSIDE THE BUILDING PAD MUST BE RESEEDING OR LANDSCAPED.
5. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
6. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.
7. GRADING SHOWN HEREIN ASSUMES THE CONCURRENT GRADING OF THE ADJACENT LOTS BELONGING TO THE SAME PROPERTY OWNER.

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 THEREOF. 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 IS FULLY 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  
BW = BOTTOM 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 PERMITTER WALK IS 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 IS ENCOUNTERED.)
12. EXISTING 7' P.U.E.
13. 6" RIPRAP RUNDOWN

<b>G&amp;D Asbuilt</b> <b>LOT 1, BLOCK 1</b> <b>VOLCANO CLIFFS UNIT 18</b>	
DATE	02/09/23
CREW	RGR/NSV
DRAFTING	AHM
GPS	N/A
JN	N143-05


**Community  
Sciences  
Corporation**  
 Land Surveying  
 (505) 897.0000