

# CITY OF ALBUQUERQUE

Planning Department  
Brennon Williams, Director



Mayor Timothy M. Keller

November 3, 2020

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

RE: **Lot 16 Block 1 Volcano Cliffs Unit 22 SAD 228  
8011 Agua Fria NW  
Grading and Drainage Plan  
Engineers Stamp Date 10/29/2020 (D10D003N16)**

Mr. Greer,

Based upon the information provided in your submittal received 11/2/2020, 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](http://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: \_\_\_\_\_

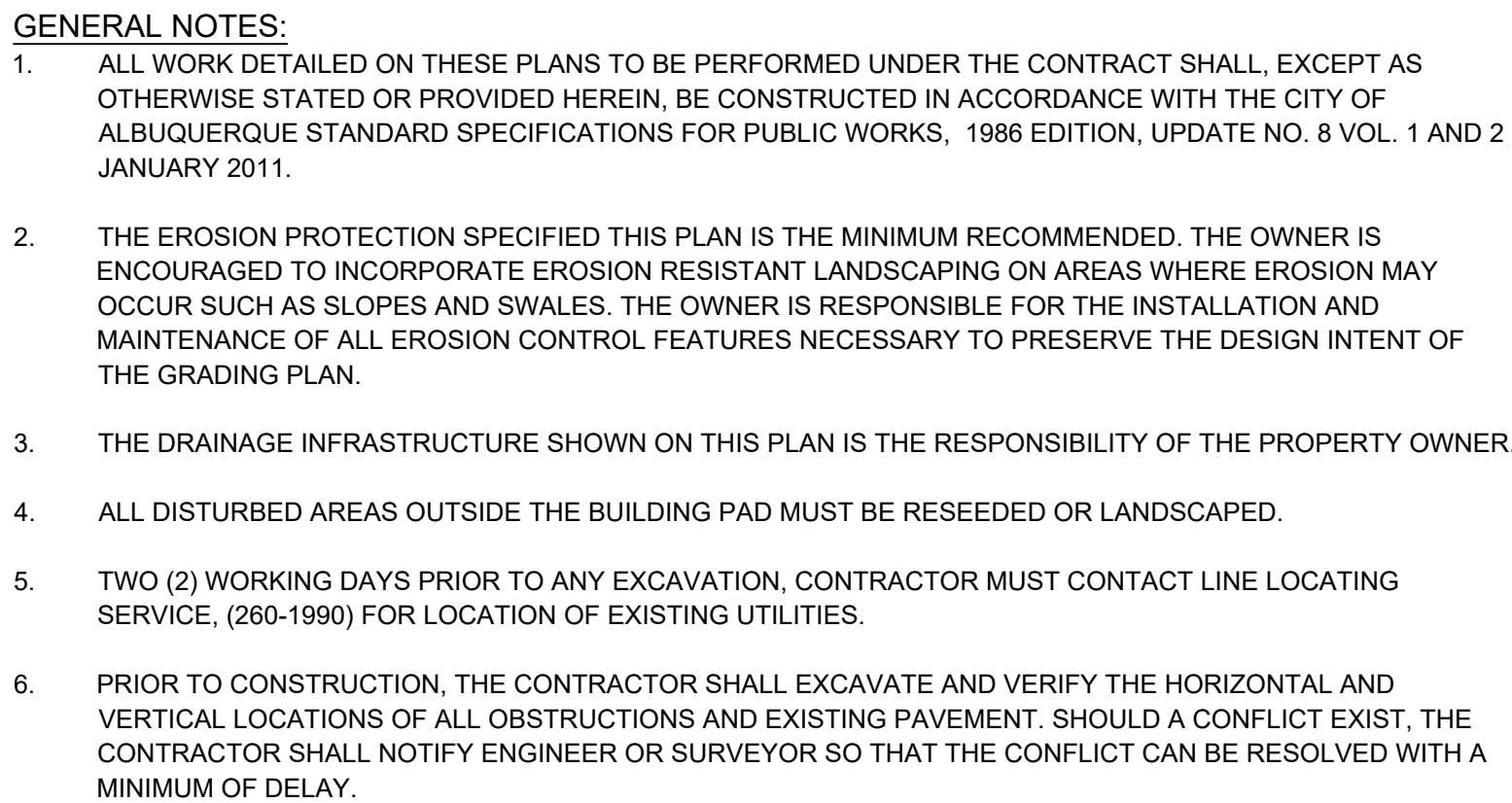


| <b>Percent Impervious<br/>(%)</b> | <b>Runoff<br/>Depth<br/>(inches)</b> | <b>Runoff Rate<br/>(cfs/ac)</b> | <b>Runoff Volume<br/>(cubic feet/ac)</b> |
|-----------------------------------|--------------------------------------|---------------------------------|------------------------------------------|
| 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                                 | 1.5                             | 1037                                     |
| 100                               | 0.46                                 | 1.5                             | 1670                                     |

### Cut/Fill Summary

| Name   | Cut Factor | Fill Factor | 2d Area          | Cut           | Fill           | Net                  |
|--------|------------|-------------|------------------|---------------|----------------|----------------------|
| VOLUME | 1.00       | 1.25        | 12144.26 Sq. Ft. | 39.22 Cu. Yd. | 495.43 Cu. Yd. | 456.21 Cu. Yd.<Fill> |
| Totals |            |             | 12144.26 Sq. Ft. | 39.22 Cu. Yd. | 495.43 Cu. Yd. | 456.21 Cu. Yd.<Fill> |

**NOTE:**  
CONTRACTOR SHOULD VERIFY IN THE FIELD THE EDGE  
OF DRIVEWAY ELEVATION (EOD) BEFORE  
CONSTRUCTION. IF ANY DISCREPANCY BETWEEN FIELD  
ELEVATION AND G&D PLAN ELEVATION, CONTACT  
ENGINEER BEFORE MOVING FORWARD.



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 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  
10. BE ADJUSTED TO MATCH LOT DRAINAGE
11. PROPOSED DRIVEWAY LOCATION, DRIVEWAY PERMIT BY OTHERS
12. EXISTING WALL ADJACENT TO PROPERTY (RETAINING WALL MAY HAVE  
13. TO BE ADJUSTED WHEN EXISTING WALL ARE ENCOUNTERED.)
14. EXISTING 7' P.U.E.
15. 6" RIPRAP DOWNDRAIN



|                                                                                                                                             |                |               |                           |               |                                                        |            |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------|---------------------------|---------------|--------------------------------------------------------|------------|
| SHEET NUMBER:                                                                                                                               | SUBMITTED FOR: |               | SHEET TITLE:              |               | PROJECT NAME:                                          |            |
|                                                                                                                                             | GRADING PERMIT |               | GRADING AND DRAINAGE PLAN |               | PETROGLYPH ESTATES#8011<br>AGUA FRIA CT<br>PULTE ID 16 |            |
|                                                          |                |               |                           |               |                                                        |            |
| <div style="text-align: center;">  <p>STAMP</p> </div> |                |               |                           |               |                                                        |            |
| DESIGNED BY                                                                                                                                 |                | DRAWN         |                           | CHECKED BY    |                                                        | DATE       |
| <b>RESPEC</b><br><i>COMMUNITY DESIGN SOLUTIONS</i>                                                                                          |                |               |                           |               |                                                        | 10.29.2020 |
| 6971 JEFFERSON STREET SUITE 101<br>WWW.RESPEC.COM PHONE: (505)253-9718                                                                      |                |               |                           |               |                                                        |            |
| <b>RESPEC</b>                                                                                                                               |                | <b>RESPEC</b> |                           | <b>RESPEC</b> |                                                        |            |
| REVISION                                                                                                                                    |                |               |                           |               |                                                        |            |
|                                                                                                                                             |                |               |                           |               |                                                        |            |
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|                                                                                                                                             |                |               |                           |               |                                                        |            |