

# CITY OF ALBUQUERQUE

*Planning Department*  
Brennon Williams, Director



*Mayor Timothy M. Keller*

June 18, 2020

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

**RE: Lot 12 Block 6 Volcano Cliffs Unit 18 SAD 228  
6528 Kimmick Dr. NW  
Grading and Drainage Plan  
Engineers Stamp Date 5/12/2020 (D10D003M12)**

Mr. Greer,

PO Box 1293

Based upon the information provided in your submittal received 6/17/2020, this plan cannot be approved for Grading Permit until the following comments are addressed.

Albuquerque

- Provide clarification for note 1
- Provide a description for Darkened line.

NM 87103

**Prior to building permit approval a pad certification will be required.**

[www.cabq.gov](http://www.cabq.gov)

**Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist of this plan 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



# 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: \_\_\_\_\_

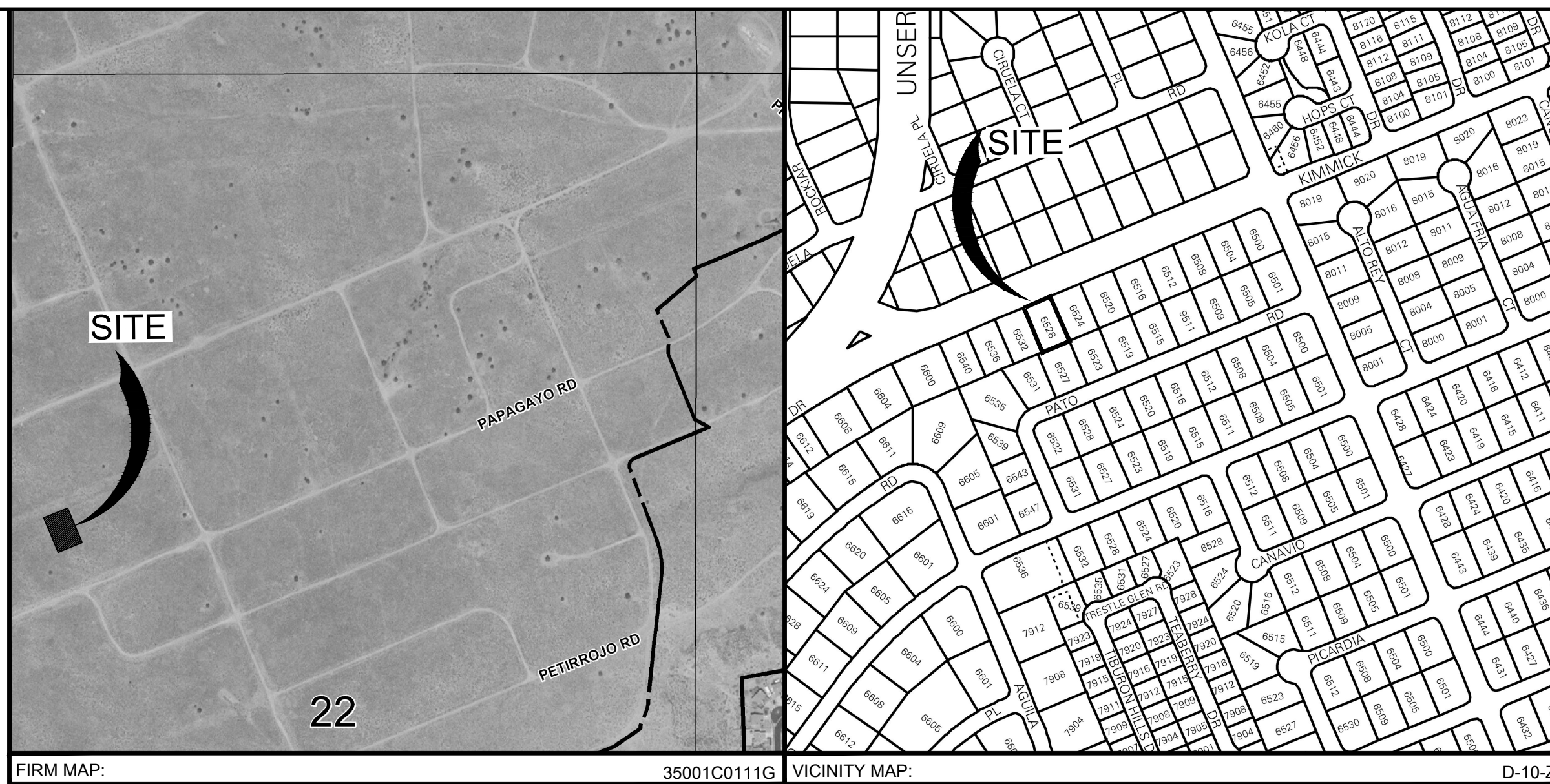
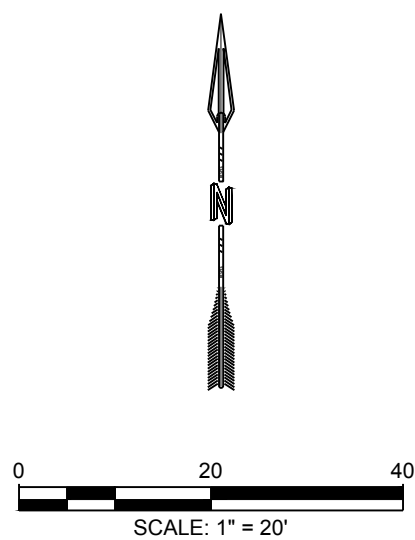


**TABLE 2. WATER QUALITY STORM EVENT RUNOFF RATE AND VOLUME AS A PERCENT OF IMPERVIOUS AREA FOR 40-ACRE AND SMALLER SITES**

| <i>Percent Impervious</i> | <i>Runoff Depth<br/>(inches)</i> | <i>Runoff Rate<br/>(cfs/ac)</i> | <i>Runoff Volume<br/>(cubic</i> |
|---------------------------|----------------------------------|---------------------------------|---------------------------------|
| 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                            | Site Area | Imp. Area | % Imp | Runoff Vol.<br>(per ac.) |       |       |           |        |                                      |   |
|                      | (sq. ft.)                            | (ac.)     | (Sq. ft.) |       | 0-20                     | 20-40 | 40-60 | 60-80     | 80-100 |                                      |   |
|                      | 13049                                | 0.30      | 5400      | 41.4% | 41.4                     | 0     | 0     | 675.6     | 0      | 0                                    | - |
|                      | Total Water Quality Volume Required: |           |           |       |                          |       |       |           | 675.6  | 1.50 Inches of runoff from Imp. Area |   |
|                      |                                      |           |           |       |                          |       |       | Provided: | 0.0    |                                      |   |

| Name   | Cut Factor | Fill Factor | 2d Area          | Cut           | Fill            | Net                   |
|--------|------------|-------------|------------------|---------------|-----------------|-----------------------|
| VOL FG | 1.00       | 1.00        | 13049.35 Sq. Ft. | 17.25 Cu. Yd. | 1108.76 Cu. Yd. | 1091.52 Cu. Yd.<Fill> |
| Totals |            |             | 13049.35 Sq. Ft. | 17.25 Cu. Yd. | 1108.76 Cu. Yd. | 1091.52 Cu. Yd.<Fill> |



- GENERAL NOTES:**
1. ALL WORK DETAILED ON 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 GRADING 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 RESEEDDED 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.

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 AREA 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 AL 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.**

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 ADJACENT TO PROPERTY (RETAINING WALL MAY HAVE TO BE ADJUSTED WHEN EXISTING WALL ARE ENCOUNTERED.)
12. RUNDOWN

|   |  |  |  |                |  |                       |  |            |  |
|---|--|--|--|----------------|--|-----------------------|--|------------|--|
| DESIGNED SEG  |  | DRAWN JT   |  | CHECKED SEG    |  | DATE 6.02.2020        |  | REVISION   |  |
|  |  | 5971 Jefferson Street Suite 101<br>Albuquerque, New Mexico 87109<br>Tel: 505.263.9718<br>respec.com 505.263.9718 |  |                |  |                       |  |            |  |
| STAMP   |  |                               |  |                |  |                       |  |            |  |
|   |  | THIS DRAWING IS INCOMPLETE<br>AND NOT TO BE USED FOR<br>CONSTRUCTION UNLESS IT IS<br>STAMPED, SIGNED AND DATED   |  |                |  |                       |  |            |  |
|  |  | Know what's below.<br>Call before you dig.   |  |                |  |                       |  |            |  |
| SUBMITTED FOR:  |  | PROJECT NAME:  |  | VOLCANO CLIFFS |  | 6528 KIMMICK DRIVE NW |  | PULTE ID 7 |  |
| SHEET TITLE:  |  | GRADING AND<br>DRAINAGE PLAN   |  |                |  |                       |  |            |  |
| SHEET NUMBER:   |  | GRADING PERMIT   |  |                |  |                       |  |            |  |
| 1 OF 1  |  |  |  |                |  |                       |  |            |  |