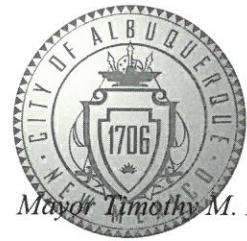


# CITY OF ALBUQUERQUE

Planning Department

David Campbell, Director



Mayor Timothy M. Keller

June 11, 2019

Don Briggs, P.E.  
Don Briggs Engineering  
5324 Oakledge Ct. NW  
Albuquerque, New Mexico 87120

RE: **Lot 1 Block 9 SAD 228**  
**6601 Petirrojo NW**  
**Volcano Cliffs Subdivision**  
**Grading and Drainage Plan**  
**Engineers Stamp Date 5/30/19 (D10D003I1)**

Dear Mr. Briggs,

Based upon the information provided in your submittal received 6/11/19, this plan cannot be approved for Grading Permit until the following comments are addressed.

- Provide a cross section of the New CMU wall. Show the CMU wall and the orientation with the property line. If footing protrudes into adjacent property provide a letter of approval from the property owner that allows digging on their property or show that the footing will remain solely on said property.

PO Box 1293

Albuquerque

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.

NM 87103

Sincerely,

James D. Hughes, P.E.  
Principal Engineer, Hydrology  
Planning Department

www.cabq.gov

RR/JDH  
C: File



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



5/30/2019

Mr. James D. Hughes P.E.  
Principal Engineer, Hydrology  
Planning Department

**Re: Hydrology file #D10D00311, 6601 Petirrojo NW**

Dear Mr. Hughes,

I have attached a revised grading & drainage plan that addresses your comments of February 12, 2019. The comments have been addressed as follows:

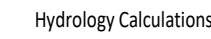
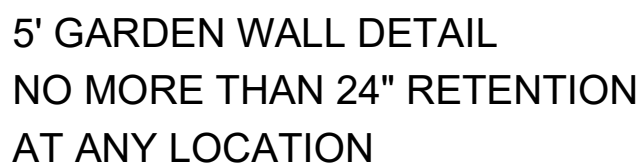
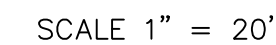
1. Show the 7' PUE in the east side yard. *This has been added to the plan.*
2. Provide a cross section of the new CMU wall. Show the CMU wall and the orientation with the property line. If footing protrudes into the adjacent property, provide a letter of approval from the property owner that allows digging on their property. *A cross section has been provided. The wall is proposed to be located 1' off the property line. Any disturbance on the adjacent property will be re-seeded.*
3. Provide a plan showing that a retaining wall is required or show how the property on the west side will be protected from erosion. If wall is being design by others provide a statement stating so and a statement stating that this is the plan to be used for said wall and a separate permit is required for the new CMU wall. *Retaining walls are not proposed as no more than 24" of retainage is expected against the perimeter wall. The dry stack retaining wall along the east property line will be designed by others if required.*
4. Provide a comment stating that a Pad Certification is required before building permit is approved. *Comment has been provided.*
5. Provide a comment stating that a final inspection by Hydrology is required before a Certificate of Occupancy is released. *Comment has been provided.*
6. Provide a table showing the percentages of land treatments A, B, C and D. *Land treatment percentages are provided in the Hydrology Table.*

Please call if you have any questions or comments on this matter.

Sincerely

Don Briggs PE CFM





## DRAINAGE NARRATIVE

The site is a 0.567 acre parcel located in Precipitation Zone 1 and Floodzone X (Unshaded). It slopes from the east to the west at about 5%. The site is not impacted by cross lot runoff from adjacent properties.

The hydrology analysis indicates the developed conditions will not increase discharge rates over what is allowed so mitigation measures are not required. All onsite flows are directed to the front yard landscaping then to the street.

NOTE:

1. Pad Certification is required prior to issuance of Building Permit.
2. A final inspection by Hydrology is required before a Certificate of Occupancy is released

## GENERAL NOTES

Contractor is responsible for utility spots and controlling sediment deposition and erosion during construction.

A concrete washout bin must be provided as per City of Albuquerque MS4 Permit requirements.

All disturbed area due to construction must be reseeded or landscaped following construction.



A circular professional engineer seal for Donald R. Briggs, State of New Mexico. The seal includes the text "DONALD R. BRIGGS", "NEW MEXICO", "14912", and "REGISTERED PROFESSIONAL ENGINEER". The expiration date "5/30/19" is handwritten in blue ink. A signature "D. Briggs" is also written across the seal.



DON BRIGGS

Engineering LLC

505-249-4843

donbriggseengineering@gmail.com

5324 Oakledge Ct. NW, Albuquerque, NM 87120

TITLE:

6601 Petirrojo Rd. NW

Grading & Drainage Plan

Design Review Committee	City Engineer Approval	Last Design Update	Mo. / Day / Yr.	Mo. / Day / Yr.
City Project No. D10D00311	Zone Map No.	Sheet	Of	