# CITY OF ALBUQUERQUE

*Planning Department* Brennon Williams, Director



Mayor Timothy M. Keller

September 5, 2019

David Soule, P.E. Rio Grande Engineering P.O. Box 93924 Albuquerque, NM 87199

RE: 5616 Cinder Cone Dr. NW Grading and Drainage Plan Engineer's Stamp Date: 08/26/19 Hydrology File: E10D064

Dear Mr. Soule:

## PO Box 1293 Based upon the information provided in your submittal received 08/26/19, the Grading and Drainage Plan is approved for Building Permit.

Albuquerque Once the grading is complete, a pad certification will be required prior to release of Building Permit. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter and the pad certification approval letter.

NM 87103 Prior to approval in support of Permanent Release of Occupancy by Hydrology, Engineer Certification per the DPM checklist will be required.

If you have any questions, please contact me at 924-3995 or <u>rbrissette@cabq.gov</u>.

Sincerely,

Renée C. Brissette

Renée C. Brissette, P.E. CFM Senior Engineer, Hydrology Planning Department

						Wei	ghted	E Metho	d					
												100-Year	, 6-hr.	
Basin	Area	Area	Treat	ment A	Treat	ment B	Treat	ment C	Treatr	ment D	Weighted E	Volume	Flow	
	(sf)	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	(ac-ft)	(ac-ft)	cfs	
ALLOWED	12423.00	0.285	0%	0	20%	0.057	46%	0.1312	34%	0.097	1.259	0.030		0.92
PROPOSED	12423.00	0.285	0%	0	20%	0.057	51%	0.1454	41%	0.117	1.447	0.034		1.04
COMPARISON												0.004		
<u>quations:</u>														
Veighted E = Ea*Aa	+ Eb*Ab + E	c*Ac + E	d*Ad	/ (Total	Area)									
olume = Weighted E	0 * Total Area	а												

Flow = Qa \* Aa + Qb \* Ab + Qc \* Ac + Qd \* Ad





#### CAUTION:

EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

## **EROSION CONTROL NOTES:**

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING 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 RESPONSIBILITY OF THE CONTRACTOR.

5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.



Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent 1,500 1,000

## FIRM MAP:

### LEGAL DESCRIPTION:

LOT 5 BLOCK 3 UNIT 2 VOLCANO CLIFFS SUBDIVISION CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO

#### NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.

2. ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.

3. ANY PERIMETER WALLS MUST BE PERMITED SEPARATELY. ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.

4. SURVEY INFORMATION PROVIDED BY COMMUNITY SCIENCES CORPORATION USING NAVD DATUM 1988.

#### LEGEND

XXXX	EXISTING CONTOUR
	EXISTING INDEX CONTOUR
	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
× XXXX	EXISTING SPOT ELEVATION
● XXXX	PROPOSED SPOT ELEVATION
	BOUNDARY
	ADJACENT BOUNDARY
	EXISTING EDGE OF ROAD
	PROPOSED BLOCK WALL
	PROPOSED CONCRETE DRIVEWAY



ENGINEER'S SEAL	LOT5 BLK3 U2 VOLCANO CLIFFS SUB.	DRAWN <sup>BY</sup> DEM
AVID SOL	SOID CINDER COME DR. N.W.	DATE 8-23-19
RECENTED TO THE	GRADING AND DRAINAGE PLAN	LOT 5 BLK 3 UN 2 VOLCANO CLIFFS.DWG
AB APOFESSIONAL ET	Rin Grande	SHEET #
		C1
8/26/19	1606 CENTRAL AVENUE SE	
DAVID SOULE P.E. #14522	SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0999	JOB # 