CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

June 26, 2018

David Soule, PE Rio Grande Engineering 1606 Central SE Suite 201 Albuquerque, NM 87106

Re: Lot 15 Block 2 Unit 19 Volcano Cliffs SAD 228

6508 Camino Del Oeste NW

Request Permanent C.O. - Accepted

Engineer's Stamp dated: 11-28-17 (D10D003G15)

Pad Certification dated: 12/4/17 Certificate of C.O. dated: 6/7/18

PO Box 1293

Dear Mr. Soule,

Albuquerque

Based on the Certification received on 6/26/2018, the site is acceptable for release of Certificate of Occupancy by Hydrology.

**

NM 87103

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

www.cabq.gov

Sincerely,

James D. Hughes, P.E.

Principal Engineer, Hydrology

Planning Department

RR/JH

C: File D10D003E29



COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: ____

City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title:	Project Title:		City Drainage #:			
			k Order#:			
Legal Description:						
City Address:						
Engineering Firm:		Cont	act:			
Address:						
Phone#:	Fax#:	E-ma	ail:			
Owner:		Cont	act:			
Address:						
Phone#:	Fax#:	E-ma	ail:			
Architect:		Cont	act:			
Address:						
Phone#:	Fax#:	E-ma	ail:			
Other Contact:		Cont	act:			
Address:						
Phone#:	Fax#:	E-ma	ail:			
Check all that Apply: DEPARTMENT: HYDROLOGY/ DRAINAGE			ROVAL/ACCEPTANCE SOUGHT:			
TRAFFIC/ TRANSPORTATION			BUILDING PERMIT APPROVAL			
MS4/ EROSION & SEDIMENT CO	NTROL	CERTIFICATE OF	OCCUPANCY			
TYPE OF SUBMITTAL:		PRELIMINARY PI	AT APPROVAL			
ENGINEER/ ARCHITECT CERTIFIC	CATION		SITE PLAN FOR SUB'D APPROVAL			
		SITE PLAN FOR B	LDG. PERMIT APPROVAL			
CONCEPTUAL G & D PLAN		FINAL PLAT APP	FINAL PLAT APPROVAL			
GRADING PLAN		SIA/ RELEASE OF	SIA/ RELEASE OF FINANCIAL GUARANTEE			
DRAINAGE MASTER PLAN		FOUNDATION PE	FOUNDATION PERMIT APPROVAL			
DRAINAGE REPORT		GRADING PERMI	GRADING PERMIT APPROVAL			
CLOMR/LOMR		SO-19 APPROVAL	SO-19 APPROVAL			
		PAVING PERMIT				
TRAFFIC CIRCULATION LAYOU	Γ (TCL)		APPROVAL			
TRAFFIC CIRCULATION LAYOUT TRAFFIC IMPACT STUDY (TIS)	Γ (TCL)	PAVING PERMIT	APPROVAL ERTIFICATION			
		PAVING PERMIT GRADING/ PAD C	APPROVAL ERTIFICATION			
TRAFFIC IMPACT STUDY (TIS)	L PLAN (ESC)	PAVING PERMIT GRADING/ PAD C WORK ORDER APP	APPROVAL ERTIFICATION ROVAL			
TRAFFIC IMPACT STUDY (TIS) EROSION & SEDIMENT CONTRO	L PLAN (ESC)	PAVING PERMIT GRADING/ PAD C WORK ORDER APP CLOMR/LOMR PRE-DESIGN MEET	APPROVAL ERTIFICATION ROVAL ING			
TRAFFIC IMPACT STUDY (TIS) EROSION & SEDIMENT CONTRO	L PLAN (ESC)	PAVING PERMIT GRADING/ PAD C WORK ORDER APP CLOMR/LOMR PRE-DESIGN MEET	APPROVAL ERTIFICATION ROVAL			
TRAFFIC IMPACT STUDY (TIS) EROSION & SEDIMENT CONTRO OTHER (SPECIFY)	L PLAN (ESC)	PAVING PERMIT GRADING/ PAD C WORK ORDER APP CLOMR/LOMR PRE-DESIGN MEET OTHER (SPECIFY	APPROVAL ERTIFICATION ROVAL ING			

Weighted E Method

100-Year, 6-hr.	Flow	cfs				
	Volume	(ac-ft)	0.047	0.057	0.045	
	Veighted	(ac-ft)	1,448	1.448	1.136	
	nent DV	(acres)	50% 0.194	50% 0.238	28% 0.133	
	Treatn	%	%09			
	Treatment A Treatment B Treatment C Treatment D Weighted	(acres)	40% 0.1551	40% 0.1906	32% 0.1525	
		%	40%	40%	32%	
	Treatment B	(acres)	10% 0.039	10% 0.048	40% 0.191	
		% (10%	10%	40%	
	Treatment A	(acres) %	0	0	0	
		%	%0	%0	%0	
	Area	(acres)	0,388	0.477	0.477	
	Area	(sf)	16885.00	20757.00	20757.00	2
	Basin		UPLAND	ALLOWED	PROPOSED	total

Equations:

Weighted E = Ea*Aa + Eb*Ab + Ec*Ac + Ed*Ad / (Total Area)

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

Volume = Weighted D * Total Area

Where for 100-year, 6-hour st

PROVIDED (CF) ONSITE Conditons
FIRST FLUSH WATER QUALITY VOLUME
REQUIRED
(CF)
165

WATER QUALITY

Narrative

This site is within the SAD 228 Master Drainage plan boundaries. The site is to maintain existing patterns and drain to the the adjacent roadway per the master drainage plan. We are ponding the water harvest volume generated by the site we are allowing the neglibable upland flow to pass thru the site. This plan has a shallow water harvest pond in excess of the drainage regulative plan is in conformance to the master drainage plan

I, DAVID SOULE HAVE PERSONALLY INPECTED THE SITE. I HEREBY CERTIFY THE PAD HAS BEEN CONSTRUCTED SUCH THAT IT IS IN SUBSTANTIAL CONFORMANCE TO THE APPROVED GRADING PLAN DATED 11/28/17





2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION. 1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMIT PRIOR TO BEGINNING WORK.



VOLC

VONT 19)

SIE

2

3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.

NOTES:

CONTROL

EROSION

CONSERVATION

SCARWENT PLAN

る。

28

I David Soule, NMPE 14522, of the firm Rio Grande Engineering, hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intend of the approved plan dated 1/28/17. The record information edited on the original design document has performed by me or under my direct supervision and is true and correct to the best of my knowledge and belief. The asbuilt survey was provided by THOMAS PATRICK NMPS 12651. The certification is submitted in support of a request for PERMANENT CERTIFICATE OF OCCUPANCY. The record information presented heron is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this project. Those relying on this record document are advised to obtain independent verification of its accuracy before using it for any other purpose 王 5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT. 4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS RESPONSIBILITY OF THE CONTRACTOR.

12/4/17



URRACAST





Te= 14.55

6508 CAMINO DEL OESTE, N.W. (50' R/W)

3

DRIVEWAY PER COA -2425, 2430

CONSTRUCT 30° AND SIDEWALK F

EARTHEN SWALE

BEGIN 2

ACACIA ST

EES

OTHERWISE

ELEVATION UNLESS

FLOWLINE

REPRESENT

NOTES:

1. ALL SPOT ELEVATIONS

1. ALL NOTED.

LEGAL DESCRIPTION: LOT 15, BLOCK 2 VOLCANO CLIFFS UNIT

FIRM

AND GRAVEL OR NATIVE SEEDING

3:1 MAX.

B

SHALL

IY EASEMENT STORM DRAIN EXISTING 10' PUBLIC UTILI CONTAINING SUBSURFACE 48"

9

125.00

5313.10

23

125.39

5314.50

0,0

S85°26°27°E 100.00

7,30

152

5314.00

5313.90

5313.70

5312,85

× 5313:25

BLOCK WAIIS THE 48" STORM DRAIN ALIGNMENT IS
AT THE PROPETY LINE. FENCING IS NOT
ALLOWED WITHIN THE DRAINAGE EASEMENT.
IF PRIVACY FENCE CONSTRUCTED IT SHALL
BE 10' WEST OF EAST PROPERTY LINE, SO
NOT TO INTERFERE WITH STORM DRAIN

91 707 9

5313.10

5313.60

EARTHEN

END 2"

FF=5313.60 H=LD FP=5313.10

Ci

5313.10

7 40018 'th 707

SOZ

12.9

W*55'55'402

F121

BUILD FIRST FLUSH POND TOP= 5312 BOTTOM= 5310 REQUIRED VOLUME=290 CU. FT.

N.55.22.+0S

32

9:1:

N85*40'00"W

FND #5 REBAR TBM ELEV=5911.98

Ci

Volcano Cliffs Unit 19

107

Z 420/7

a 1 2

PROPOSED INDEX CONTOUR

EXISTING SPOT ELEVATION

XXX

SLOPE TIE

PROPOSED

EXISTING INDEX CONTOUR

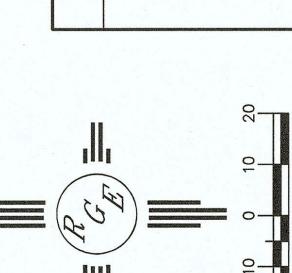
Bry powo

EXISTING CONTOUR

LEGEND

PROPOSED CONTOUR

TURN 1 BLOCK
-3" ABOVE GRADE FOR
CROSS LOT DRAINAGE



OESTE L'IDGINGELING
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999 Pio Grande DEL AND PLAN CAMINO GRADING / DRAINAGE 6508 11/28/17

21811-LAYOUT-10-16-

DRAWN BY WCWJ

PROPOSED CMU SCREEN WALL

EXISTING CURB AND GUTTER

111

111

111

111

111 111

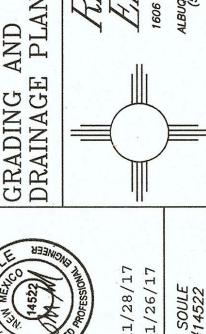
RIGHT-OF-WAY

CENTERLINE

BOUNDARY

SHEET #

JOB #





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.

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



June 11, 2018

David Soule, P.E. Rio Grande Engineering PO Box 93924 Albuquerque, New Mexico 87199

RE: Lot 15 Block 2 SAD 228
Volcano Cliffs Subdivision
6508 Camino Del Oeste NW
Grading and Drainage Plan
Engineers Stamp Date 11/28/17 (D10D003G15)

Pad Certification Date: 12/4/17 CO Certification Dated: 6/7/18

Dear Mr. Soule,

PO Box 1293

Based upon the information provided in your submittal received 6/7/18, this plan cannot be approved for Certificate of Occupancy until the following comments are addressed.

Albuquerque

- Remove the concrete slabs in the public right of way.
- Remove all concrete and debris in and around the site.
- Remove the gravel in the street.
- Provide turn blocks as noted on the approved plan.

NM 87103

• Provide opening in front yard garden wall where swale is located.

www.cabq.gov

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

Sincerely,

James D. Hughes, P.E.

Principal Engineer, Hydrology

Planning Department

RR/JDH

C: File D10D003G15



