ITY OF ALBUQUERO

Planning Department Brennon Williams, Interim Director



Mayor Timothy M. Keller

September 18, 2019

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

Re: Lot 3a Block 6 Unit 18 Volcano Cliffs SAD 228

6620Kimmick Rd. NW

Request Permanent C.O. - Accepted

Engineer's Stamp dated: 3-1-19 (D10D003M2C)

Pad Certification dated: 3/1/19 Certificate of C.O. dated: 9/11/19

PO Box 1293

Dear Mr. Soule,

Based on the Certification received on 9/18/2019, the site is acceptable for release of Certificate of Occupancy by Hydrology.

Albuquerque

If you have any questions, please contact me at 924-3999 or Rudy Rael at 924-3977.

NM 87103

Sincerely,

www.cabq.gov

Shahab Biazar, P.E. City Engineer, Planning Division Manager

RR/SB

C: File D10D003B14



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title:	6620 kimmick	Building Permit #:		Hydro	Hydrology File #:		
DRB#:		EPC#:		Work	_ Work Order#:		
Legal Description	n: lot 3a block 6	volcano cl	iffs uni	t 18			
City Address: 6	620 kimmick						
Applicant:	twilight homes	5		Contact:			
Address:							
				E-mail:			
	RIO GRANDE ENGINE						
	3OX 93924 ALB NM			Condict.	-		
			0999	E-mail·	david@riograndeengineering.com		
	LOPMENT:PLAT						
Check all that Apply	y:						
TYPE OF SUBMI X ENGINEER/A PAD CERTIFI CONCEPTUA GRADING PI DRAINAGE F DRAINAGE N FLOODPLAIN ELEVATION CLOMR/LOM TRAFFIC CIR TRAFFIC IM STREET LIGH OTHER (SPE- PRE-DESIGN I	RANSPORTATION TTAL: RCHITECT CERTIFICATION ICATION IL G & D PLAN LAN REPORT MASTER PLAN N DEVELOPMENT PERMIT A CERTIFICATE IR RCULATION LAYOUT (TCL) PACT STUDY (TIS) HT LAYOUT CIFY) MEETING? MITTAL?: X Yes No	PPLIC	BUILDIN X CERTIFI PRELIM SITE PL SITE PL FINAL F SIA/ REI FOUNDA GRADIN SO-19 A PAVING X GRADIN WORK O CLOMRA FLOODF OTHER	NG PERMIT APPICATE OF OCCULINARY PLAT APAN FOR SUB'D AN FOR BLDG. IN ATTION PERMIT APPICATION PERMIT A	PANCY PPROVAL APPROVAL PERMIT APPROVAL L NCIAL GUARANTEE APPROVAL ROVAL DVAL ICATION L MENT PERMIT		
DATE SUBMITTE	ED:	•					
COA	STAFF:	ELECTRONIC SUBM	MITTAL RECEIV	ED:	-		

FEE PAID:_____

Weighted E Method

												100-Year, 6-hr.	r, 6-hr.
Basin	Area	Area	Treatm	nent A	Treatn	nent B	Treatn	nent C	Treatn	nent D V	ent A Treatment B Treatment C Treatment D Weighted Volume	Volume	Flow
	(st)	(acres)	%	(acres)	%	(acres)	%	acres) % (acres) % (acres)	%	(acres)	% (acres) (ac-ft)	(ac-ft)	cfs
ALLOWED	14201.00	0.326	%0	0	10%	0 10% 0.033	40%	40% 0.1304 50% 0.163	20%	0.163	1.448	0.039	1.15
PROPOSED	14201.00	0.326	%0	0	76%	0.085	40%	0.1304	34%	0.111	0 26% 0.085 40% 0.1304 34% 0.111 1.240	0.034	1.03
						-					THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OW		

Equations:

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

= Weighted D * Total Area Volume + Qd * Ad Qc * Ac Flow = Qa * Aa + Qb * Ab + Where for 100-year, 6-hour

ONSITE Conditons
FIRST FLUSH WATER QUALITY VOLUME
REQUIRED
(CF)
WATER QUALITY
137

Narrative

PROVIDED (CF) 562 562

This site is within the SAD 226 Master Drainage plan boundaries. The site is to maintain existing patterns and drain to the the adjacent property to the south per the master drainage plan. We are ponding more than the required water quality volume generated by the site. There is not significant upland flow. This plan has a shallow water harvest pond in excess of the drainage regulations. This 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 3/1/19 *PAD WAS GRADED PRIOR TO PLAN

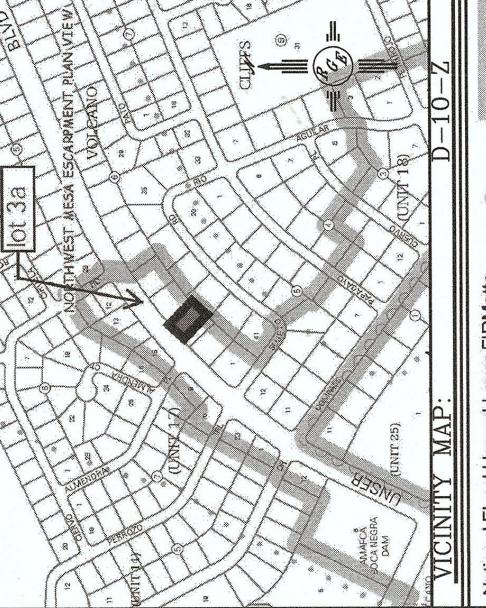


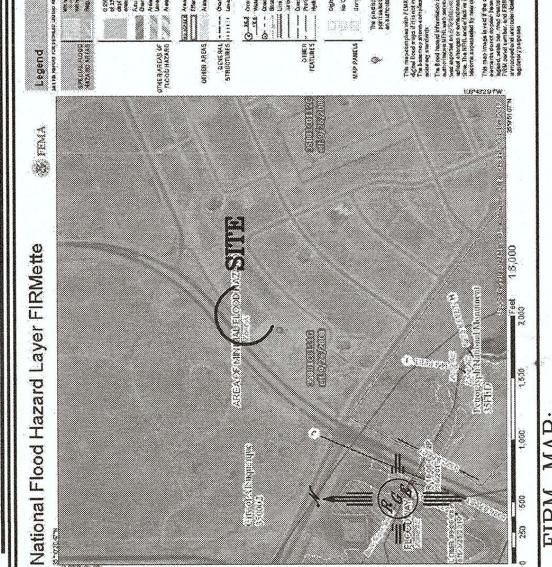
EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING
PERMIT PRIOR TO BEGINNING WORK.

2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.

4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR. 3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY. 5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.





LEGAL DESCRIPTION: LOT 3-A, BLOCK 6, VOLCANO CLIFFS UNIT

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.

LEGEND

PROVIDE TURNED
—BLOCKS AT PROPERTY
LINE @5334.00 WHEN CMU WALL
CONSTRUCTED
OPENING ON EAST WALL

34.23

The second

2.82

多流

C1 R=2648.71' L=94.89' C=94.88' CB=N4913'55"E

TON CAU

7 Eg

633A.B5

RA CHE

TBM TBM FND "X" IN SIDEWALK ELEVATION=5334.83

15. 23. V

34.2

5334,35

LOT

CONSTRUCT 22' DRIVEWAY AT AND SIDEWALK PER COA STD DWG #2405, 2425, 2430

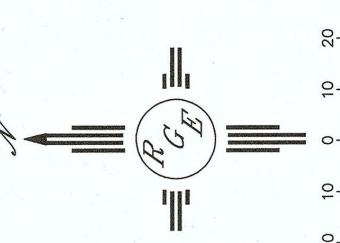
5332.35

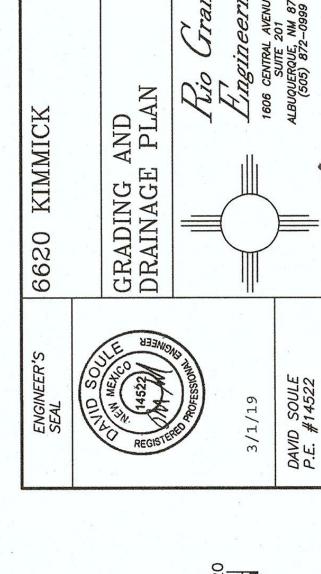
						E .				" MAX. RETAINAGE)
EXISTING INDEX CONTOUR	PROPOSED CONTOUR	PROPOSED INDEX CONTOUR	SLOPE TIE	EXISTING SPOT ELEVATION	PROPOSED SPOT ELEVATION	BOUNDARY	CENTERLINE	RIGHT-OF-WAY	EXISTING CURB AND GUTTER	PROPOSED CMU SCREEN WALL (12" MAX. RETAINAGE)
XXXX	XXXX—	XXX	1	XXXX *	XXXX *				======================================	

62 CU. FT.

PROVIDE TURNED
—BLOCKS AT PROPERTY
LINE @5333.50WHEN CMU WALL
CONSTRUCTED
OPENING ON WEST WALL

BUILD FIRST FLUSH POND -TOP=:5333.50



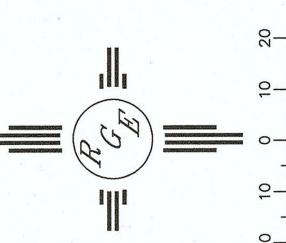


219013-LAYOUT-3-01-

SHEET #

DRAWN BY WCWJ

JOB # 219013



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.

I <u>David Soule</u>, NMPE 14522, of the firm <u>Rio Grande Engineering</u>, 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 ^{3/1/19}. 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 <u>PERMANENT CERTIFICATE</u> 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





9/11/19

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

September 12, 2019

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

RE: Lot 3A Block 6 SAD 228
Volcano Cliffs Subdivision Unit 18
6620 Kimmick NW
Grading and Drainage Plan
Engineers Stamp Date 3/1/19 (D10D003M2C)
Pad Certification Date 3/1/19
CO Certification Dated: 9/11/19

PO Box 1293

Dear Mr. Soule,

Based upon the information provided in your submittal received 9/11/19, this plan cannot be approved for Certificate of Occupancy until the following comments are addressed.

Albuquerque

• Remove all debris in and around the property. A pile of concrete north of the home on the neighbor's yard must be removed.

NM 87103

- Wooden pallets need to be removed.
- Port-a- potty needs to be removed.

www.cabq.gov

If you have any questions, please contact me at 924-3995 or Rudy Rael at 924-3977.

Sincerely,

Shahab Biazar, P.E. City Engineer, Planning Division Manager

RR/RB

C: File D10D003M2C



