CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



Mayor Timothy M. Keller

February 12, 2025

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

RE: 8023 Victoria Drive NW Permanent C.O. – Accepted Engineer's Certification Date: 1/30/2025 Engineer's Stamp Date: 10/18/17 Hydrology File: E10D040 HYDR-2025-00017

PO Box 1293 Dear Mr. Soule:

Albuquerque Based on the Certification received 01/31/2025 and the site visit on 2/12/2025, this letter serves as a "green tag" from Hydrology Section for a Permanent Certificate of Occupancy to be issued by the Building and Safety Division.

If you have any questions, please contact me at 505-924-3314 or <u>amontoya@cabq.gov</u>.

NM 87103

www.cabq.gov

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Sincerely,

Anthony Montoya, Jr., P.E. Senior Engineer, Hydrology Planning Department, Development Review Services



City of Albuquerque

Planning Department Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title:	Hydrology File #
City Address, UPC, OR Parcel:	
Applicant/Agent:	Contact:
	Phone:
Email:	
Applicant/Owner:	Contact:
Address:	Phone:
Email:	
(Please note that a DFT SITE is one that needs	s Site Plan Approval & ADMIN SITE is one that does not need it.)
TYPE OF DEVELOPMENT: PLAT	(#of lots) RESIDENCE
DFT S	ITE ADMIN SITE
RE-SUBMITTAL: YES NO	
DEPARTMENT: TRANSPORTAT	ION HYDROLOGY/DRAINAGE
Check all that apply under Both the Type o	f Submittal and the Type of Approval Sought:
TYPE OF SUBMITTAL:	TYPE OF APPROVAL SOUGHT:
ENGINEER/ARCHITECT CERTIFICATI	ON BUILDING PERMIT APPROVAL
PAD CERTIFICATION	CERTIFICATE OF OCCUPANCY
CONCEPTUAL G&D PLAN	CONCEPTUAL TCL DFT APPROVAL
GRADING & DRAINAGE PLAN	PRELIMINARY PLAT APPROVAL
DRAINAGE REPORT	FINAL PLAT APPROVAL
DRAINAGE MASTER PLAN	SITE PLAN FOR BLDG PERMIT DFT
CLOMR/LOMR	APPROVAL
TRAFFIC CIRCULATION LAYOUT (TO	CL) SIA/RELEASE OF FINANCIAL GUARANTEE
ADMINISTRATIVE	FOUNDATION PERMIT APPROVAL
TRAFFIC CIRCULATION LAYOUT FO APPROVAL	R DFT GRADING PERMIT APPROVAL
TRAFFIC IMPACT STUDY (TIS)	SO-19 APPROVAL
STREET LIGHT LAYOUT	PAVING PERMIT APPROVAL
OTHER (SPECIFY)	GRADING PAD CERTIFICATION
	WORK ORDER APPROVAL
	CLOMR/LOMR
	OTHER (SPECIFY)

DATE SUBMITTED:

REV. 09/13/23

Weighted E Method

												100-Year	r, 6-hr.
Basin	Area	Area	Treat	ment A	Treat	ment B	Treat	ment C	Treat	ment D	Weighted E	Volume	Flow
	(sf)	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)		(ac-ft)	cfs
ALLOWED	11327.00	0.260				0.052		0.1196		830.0		0.027	0.84
PROPOSED	11327.00	0.260	0%	0	20%	0.052	34%	0.0884	46%	0.120	1.377	0.030	0.88
COMPARISON												0.003	

Equations:

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

Volume = Weighted D * Total Area

Flow = Qa * Aa + Qb * A	b + Qc * Ac + Qd * Ad	
Where for 100-vear, 6-h	our storm- zone 1	
	Ea= 0.44	Qa= 1.29
	Eb= 0.67	Qb= 2.03
	Ec= 0.99	Qc= 2.87
	Ed= 1.97	Qd= 4.37
ONSITE Conditons		
FIRST FLUSH WATER		
	REQUIRED	PROVIDED

(CF) 481 481 (CF) 148 111 WATER QUALITY FLOOD CONTROL Narrative

This site is within the SAD 226 Master Drainage plan boundaries. The site is to maintain existing patterns and drain to the the adjacent roadway to to east per the master drainage plan. We are ponding the water harvest volume generated by the site there is not measurable upland flow. This plan exceeds the allowed impervious area therefore we are required to retain the overage. This plan is in conformance to the master drainage plan.

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.

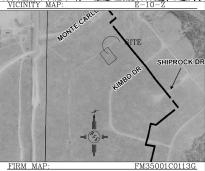
CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.

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.

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LEGAL DESCRIPTION:

 $\underline{\text{NOTES}}$: 1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.

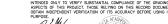
2. ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.

3.A PAD CERTIFICATION IS REQUIRED PRIOR TO RELEASE OF BUILDING PERMIT.

4.ANY ONSITE PERIMETER WALLS MUST CONFORM TO THIS PLAN. A COPY OF THIS PLAN MUST BE SUBMITTED WITH WALL PERMIT APPLICATION

L	EGEND		
		- EXISTING INDEX CONTOUR	
_		- PROPOSED CONTOUR	
_		- PROPOSED INDEX CONTOUR	
	►	SLOPE TIE	
	+ XXXXX	EXISTING SPOT ELEVATION	
	+ XXXXX	PROPOSED SPOT ELEVATION	
_		BOUNDARY	
_		CENTERLINE	
_		- RIGHT-OF-WAY	
==		E EXISTING CURB AND GUTTER	
-			
	x19.22	AS-BUILT	
	ENGINEER'S SEAL	8023 VICTORIA DRIVE, N.W.	DRAWN BY WCWJ
	NID SOL		DATE
		GRADING AND DRAINAGE PLAN	10-15-17 21810-LAYOUT-10-16-1
	10/18/17 10/16/17	Rio Grande Engineering	SHEET #
	DAVID SOULE P.E. ∦14522	1606 CENTRAL AVENUE SE SUITE 201 ALBUQUEROUE, NM 87106 (505) 872-0999	JOB ∦ 21810

LOT OVERFLOW=5318.10 BOLZ WC ORN & MA BUILD WATER HARVESTING POND TOP=5318.25 BOTTOM=5317.00 REQUIRED VOLUME=273 CU. FT. 18.00 CONSTRUCT 33' DRIVEWAY AND SIDEWALK PER COA STD DWG #2405, 2425, 2430 6, 319.5 10 BEGIN 2' EARTHEN SWALE 5320 LOT OVERFLOW=5319.25 -BUILD WATER HARVESTING POND TOP=5318.25 -BOTTOM=5317.00 REQUIRED VOLUME=208 CU. FT. 6 1. END 2' EARTHEN SWALE ADD 5300 TO ALL SPOT ELEVATIONS. DRAINAGE CERTIFICATION Lacca Aradieuca mer time... orges construction and dimensionelle (LC, Hereby community) in product nose of order the set of the set of the set community of the set being occurrent the set of order proversion dimension dimension of the order community of the set of order proversion dimension dimension of the order community of the set of order proversion dimension dimension of the order community of the set of order provession of the set of the order of the set of the order of the set of the order of the community of the set of the order of the community of the set of the order of the community of the community of the set of the order of community of the community of the community of the set of the order of community of the community of th 2k *.*б - BEGIN 2' EARTHEN SWALE G_{E} = THE ESCORE INFORMATION PROSENTED REFERIN S NOT NECESSARY COMPLETE AND REVERSED OULY OF PROVI SUBSTITUTING ON THIS RECORE DOCUMENT HAR AVAILABLE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORE DOCUMENT HAR AVAILABLE DEVINE OFFICIAL DEVINE AND THE ASPECTS OF THE AVAILABLE REVENUE OF THE ASPECTS OF THE AVAILABLE AND THE ASPECTS OF THE AVAILABLE REVENUE OF THE ASPECTS OF THE AVAILABLE AND THE AVAILABLE REVENUE OF THE AVAILABLE AND THE AVAILABLE AVAILABLE AND THE AVAILABLE REVENUE OF THE AVAILABLE AND THE AVAILABLE AVAILABLE AVAILABLE AND THE REVENUE OF THE AVAILABLE A 1-30-2025 DATE #^{(S}(11814)' REZA AFAGHPOUR, NMPE 11814 MUTTOSIUM SCALE: 1"=20"



CAUTION: EXISTING UTILITES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF EXISTING AND AND AND AND AND AND AND TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.