CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



September 17, 2024

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

RE: Burger King

3221 Coors Blvd NW

Permanent C.O. - Accepted

Engineer's Certification Date: 9/11/2024

Engineer's Stamp Date: 4/24/24 Hydrology File: G11D003D

Dear Mr. Soule:

PO Box 1293

Based on the Certification received 09/16/2024 and the site visit on 09/17/2024, 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.

Albuquerque

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

NM 87103

Sincerely,

www.cabq.gov

Anthony Montoya, Jr., P.E. Senior Engineer, Hydrology

anth Mars

Planning Department, Development Review Services



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title:		Hydrology File #						
Legal Description:								
City Address, UPC, OR Parcel	:							
Applicant/Agent:		Contact:						
		Phone:						
Email:								
Applicant/Owner:		Contact:						
Address:		Phone:						
Email:								
(Please note that a DFT SITE is or	ne that needs Site Plan A	pproval & ADMIN SITE is one that does not need it.)						
TYPE OF DEVELOPMENT:	PLAT (#of lots)	RESIDENCE						
	DFT SITE	ADMIN SITE						
RE-SUBMITTAL: YES	NO							
DED A DEMENT. TO A NI	SDODT A TION	HVDDOLOGV/DD A DIA CE						
DEPARTMENT: TRANS	SPORTATION	HYDROLOGY/DRAINAGE						
Check all that apply under Both	the Type of Submittal	and the Type of Approval Sought:						
TYPE OF SUBMITTAL:		TYPE OF APPROVAL SOUGHT:						
ENGINEER/ARCHITECT CE	RTIFICATION	BUILDING PERMIT APPROVAL						
PAD CERTIFICATION		CERTIFICATE OF OCCUPANCY						
CONCEPTUAL G&D PLAN		CONCEPTUAL TCL DFT APPROVAL						
GRADING & DRAINAGE PI	LAN	PRELIMINARY PLAT APPROVAL						
DRAINAGE REPORT		FINAL PLAT APPROVAL						
DRAINAGE MASTER PLAN		SITE PLAN FOR BLDG PERMIT DFT						
CLOMR/LOMR		APPROVAL						
TRAFFIC CIRCULATION LA	AYOUT (TCL)	SIA/RELEASE OF FINANCIAL GUARANTEE						
ADMINISTRATIVE		FOUNDATION PERMIT APPROVAL						
TRAFFIC CIRCULATION LA APPROVAL	AYOUT FOR DFT	GRADING PERMIT APPROVAL						
TRAFFIC IMPACT STUDY (TIS)	SO-19 APPROVAL						
STREET LIGHT LAYOUT	. ,	PAVING PERMIT APPROVAL						
OTHER (SPECIFY)		GRADING PAD CERTIFICATION						
- 111211 (C1 2011 1)		WORK ORDER APPROVAL						
		CLOMR/LOMR						
		OTHER (SPECIFY)						
DATE SUBMITTED:								

Weighted E Method

Existing Developed Basins

									100-Year, 6-hr.			10-day		
Basin	Area	Area	Treatment	Α	Treatment B		Treatm	ent C	Treatment D		Weighted E	Volume	Flow	Volume
	(sf)	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	(ac-ft)	(ac-ft)	cfs	(ac-ft)
EXISTING	27520	0.632	0%	0	0.0%	0.000	10.0%	0.063	90%	0.569	2.111	0.111	2.52	0.187
PROPOSED	27520	0.632	0%	0	0.0%	0.000	10.0%	0.063	90%	0.569	2.111	0.111	2.52	0.187

THIS SITE IS A REDEVELOPMENT OF AN EXISTING SITE. THE OVERALL DEVELOMENT WAS CONSTRUCTED PER G11D021. THE SITE IS ALLOWED FREE DISCHARGE

THE SITE AS PROPOSED WILL DISCHARGE TO THE HISTORICAL OUTFALL AT THE SAME RATE OF 2.52 CFS, THE REDEVELOPMENT FIRST FLUSH

VOLUME IS RETAINED ONSITE. THIS PLAN CONFORMS TO THE DEVELOPED CONDITION ASSUMPTIONS OF THE APPROVED DRAINAGE PLAN

WATER QUALITY VOLUME

TO THE STORM DRAIN SYSTEM IN COORS

133 CUBIC FEET REQUIRED 326 CUBIC FEET PROVIDED

MATCH EXISTING

WATER HARVEST POND

BOTTOM= 04.50 VOLUME= 326 CF

5106.62

1' CURB POND BOTTS
CUT @ POND TOP 51

5106.10

×5105.43

5105.58

Asbuilt

BURGER KING

1' CURB ____ CUT @ 06.00

COMPARISON

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

THE HISTORICAL DISCHARGE OF 2.52 CFS DRAINS

AND THE CITY OF ALBUQUERQUE DRAINAGE ORDINANCE.

Volume = Weighted D * Total Area

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

Where for 100-year, 6-hour storm (zone 2) Qb= 2.16 Eb = 0.73Ec = 0.95Qc= 2.87 Ed= 2.24 Qd = 4.12

Project Benchmark

Scribe in Curb

Elev=5106.05

MATCH EXISTING \ × 5105.94

5105.34 ×

5105.09

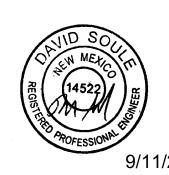
FF= 5106.00

11 parking spaces

5104.69

5104.64

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 $\frac{4}{24}$. The certification is submitted in support of a request for <u>CERTIFICATE OR OCCUPANCY</u>. 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.



5104.76 -----

5104.84

5104.49 ×

drop inlet

FL 5104.52

*L5104.34

5103.52

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.

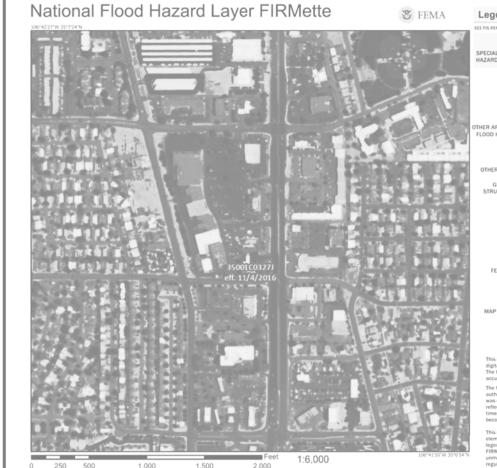
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.

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.



VICINITY MAP: G-11-Z



- 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.
- 5. A PAD ELEVATION CERTIFICATION SHALL BE REQUIRED PRIOR TO RELEASE OF BUILDING

LEGEND



A A A

PROPOSED CONCRETE

TRACT Q-2 TOWN OF ATRISCO GRANT NORTHEAST UNIT SEAL

DAVID SOULE P.E. #14522

4/24/24

3221 COORS BLVD NW

GRADING AND

DRAINAGE PLAN

Rio Grande Engineering ALBUQUERQUE, NM 87199

 BY_{DEM}

DATE

4-19-24

Burger King (Coors Blvd) .dwg

SHEET#

JOB#

C1

SCALE: 1"=20'

3221 COORS BLV NW

@ 04.00

5104.07

5104.32

5104.25

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.

FIRM MAP: **LEGAL DESCRIPTION:** TRACT Q-2 TOWN OF ATRISCO GRANT NORTHEAST UNIT CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO 1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.