

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

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
Planning Department, Development Review Services

Weighted E Method

Existing Developed Basins										100-Year, 6-hr				10-day			
Basin	Area (sf)	Area (acres)	Treatment A % (acres)	Treatment B % (acres)	Treatment C % (acres)	Treatment D % (acres)	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Volume (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			
COMPARISON																	

Equations:

Weighted E = Ea**A*a + Eb**A*b + Ec**A*c + Ed**A*d / (Total Area)

Volume = Weighted D * Total Area

Flow = Qa * *A*a + Qb * *A*b + Qc * *A*c + Qd * *A*d

Where for 100-year, 6-hour storm (zone 2)

Ea= 0.55	Qa= 1.54
Eb= 0.73	Qb= 2.16
Ec= 0.95	Qc= 2.87
Ed= 2.24	Qd= 4.12

WATER QUALITY VOLUME
26" PER SF
6130 SF OF REDEVELOPED IMPERVIOUS
133 CUBIC FEET REQUIRED
326 CUBIC FEET PROVIDED

DRAINAGE NARRATIVE
THIS SITE IS A REDEVELOPMENT OF AN EXISTING SITE. THE OVERALL DEVELOPMENT WAS CONSTRUCTED PER G11D021. THE SITE IS ALLOWED FREE DISCHARGE TO THE STORM DRAIN SYSTEM IN COORS
THE HISTORICAL DISCHARGE OF 2.52 CFS DRAINS TO THE STORM DRAIN SYSTEM IN COORS
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 AND THE CITY OF ALBUQUERQUE DRAINAGE ORDINANCE.

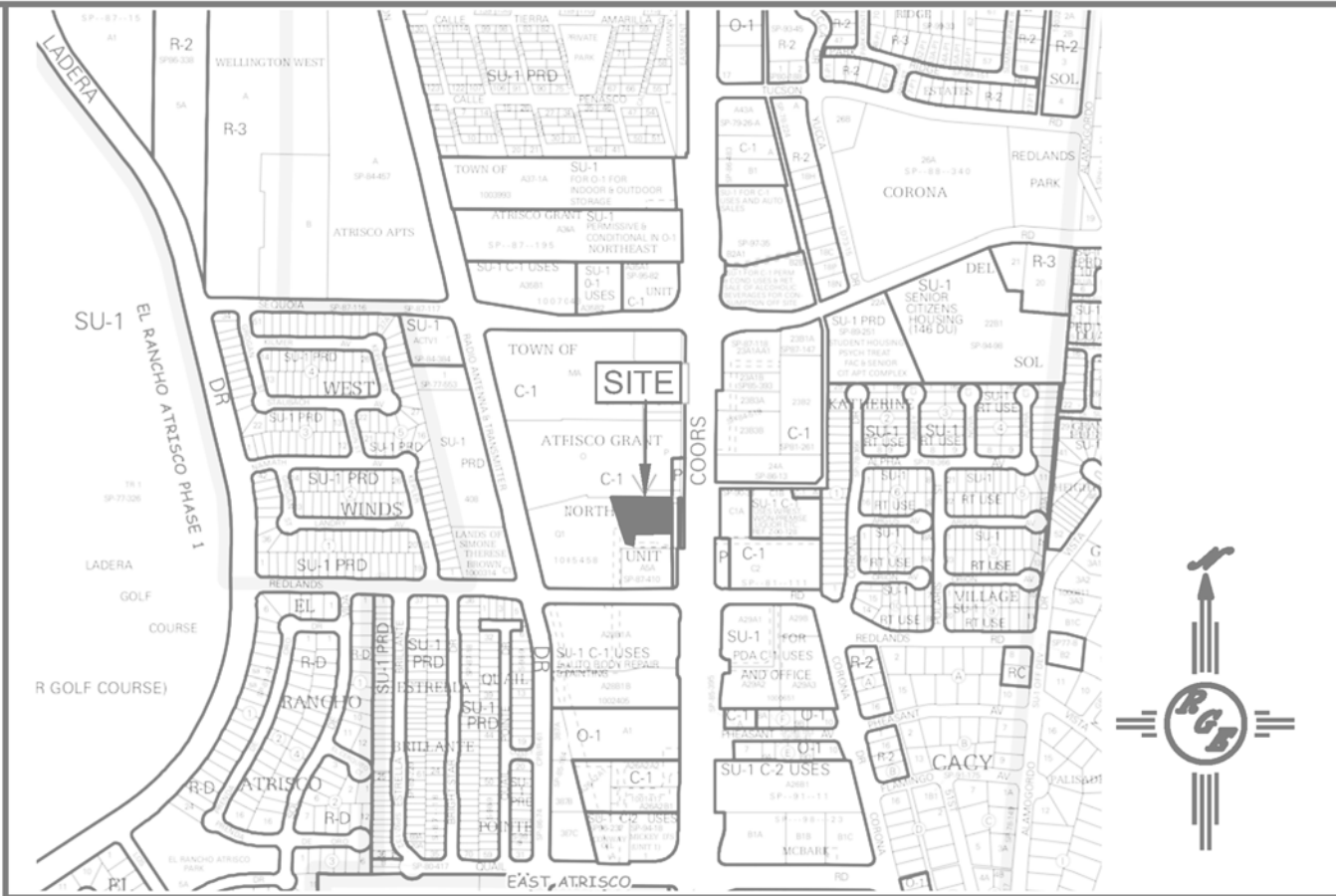
I **David Soule**, NMPE 14522, of the firm **Rio Grande Engineering**, hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intend of the approved plan dated 4/24/24 . The certification is submitted in support of a request for CERTIFICATE OR 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.



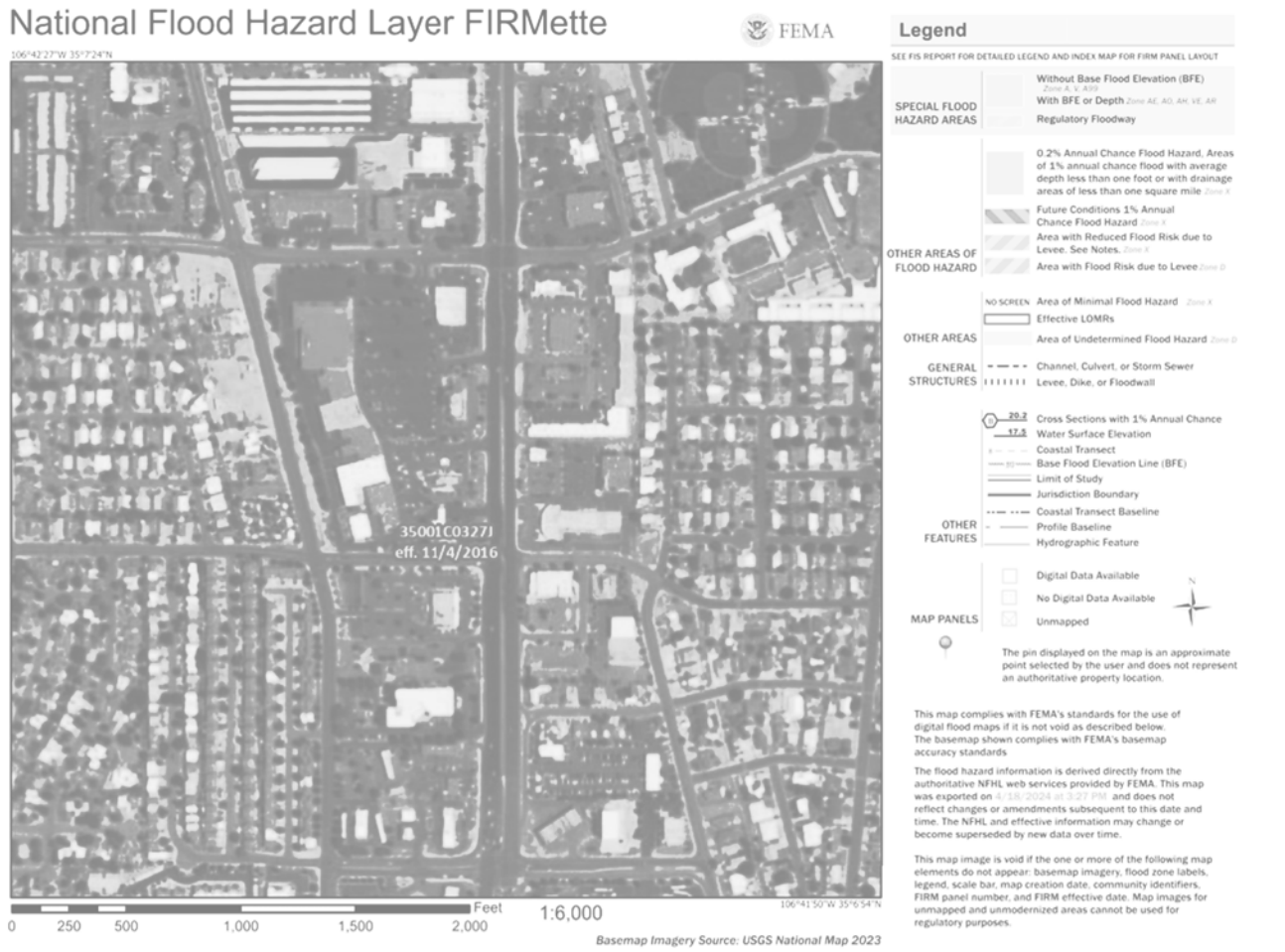
9/11/24

EROSION CONTROL NOTES:

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- 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.
- REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.



VICINITY MAP: G-11-Z



FIRM MAP:

LEGAL DESCRIPTION:

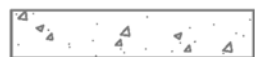
TRACT Q-2 TOWN OF ATRISCO GRANT NORTHEAST UNIT
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

NOTES:

- ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
- ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.
- ANY PERIMETER WALLS MUST BE PERMITTED SEPARATELY ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.
- SURVEY INFORMATION PROVIDED BY COMMUNITY SCIENCES CORPORATION USING NAVD DATUM 1988.
- A PAD ELEVATION CERTIFICATION SHALL BE REQUIRED PRIOR TO RELEASE OF BUILDING PERMIT.

LEGEND

- XXXX----- EXISTING CONTOUR
- XXXX----- EXISTING INDEX CONTOUR
- XXXX----- PROPOSED CONTOUR
- XXXX----- PROPOSED INDEX CONTOUR
- + XXXX EXISTING SPOT ELEVATION
- XXXX PROPOSED SPOT ELEVATION
- BOUNDARY
- ADJACENT BOUNDARY
- ===== EXISTING CURB AND GUTTER



PROPOSED CONCRETE

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.

Asbuilt
3221 COORS BLV NW
BURGER KING

DATE 09/05/24
CREW JAK
DRAFTING SLN
GPS NINO
JN JN

Community Sciences Corporation
Land Surveying
(505) 897.0000



ENGINEER'S SEAL 4/24/24 DAVID SOULE P.E. #14522	TRACT Q-2 TOWN OF ATRISCO GRANT NORTHEAST UNIT 3221 COORS BLVD NW GRADING AND DRAINAGE PLAN PO BOX 93924 ALBUQUERQUE, NM 87199 (505) 321-9099	DRAWN BY DEM
		DATE 4-19-24 Burger King (Coors Blvd).dwg SHEET # C1 JOB #