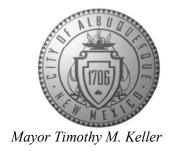
## CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



June 25, 2025

Kevin Lardner Matrix Design Group, Inc. 2435 Research Parkway, Suite 300 Colorado Springs, CO 80920

RE: Circle K – 9610 Eagle Ranch Rd. NW Temporary Certificate of Occupancy Engineer's Certification Date: 06/24/2025

Engineer's Stamp Date: 12/22/23

Hydrology File: C13D028 Case # HYDR-2025-00224

Dear Mr. Lardner:

PO Box 1293

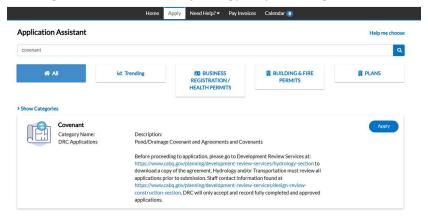
Based on the Engineer's Grading and Drainage Certification received 6/24/2025 and site visit on 6/25/2025, this letter serves as a conditional approval from the Hydrology Section for a 30-day Temporary Certificate of Occupancy for the Circle K located at 9610 Eagle Ranch Rd. NW to be issued by the Building and Safety Division. The following comment needs to be addressed prior to acceptance for Permanent C.O. of the above referenced project:

Albuquerque

1. Complete the slope stabilization and erosion control needed for the east side of the lot.

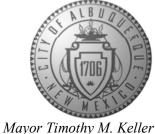
NM 87103

- www.cabq.gov
- 2. Please provide the Drainage Covenant with Exhibit A for the stormwater quality pond per Article 6-15(C) of the DPM prior to Permanent Release of Occupancy. Please submit the original copies along with the \$25.00 recording fee check made payable to Bernalillo County to Hydrology. In order to submit the DC, you will need to apply in ABQ-PLAN for a Covenant and upload the Drainage Covenant and Exhibit A (separate attachments). Then the originals and the filing fee are turned in to Hydrology for processing.



## CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



Please resubmit for a request for permanent release of Certificate of Occupancy once the above items are complete.

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

Sincerely,

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

anth Mars

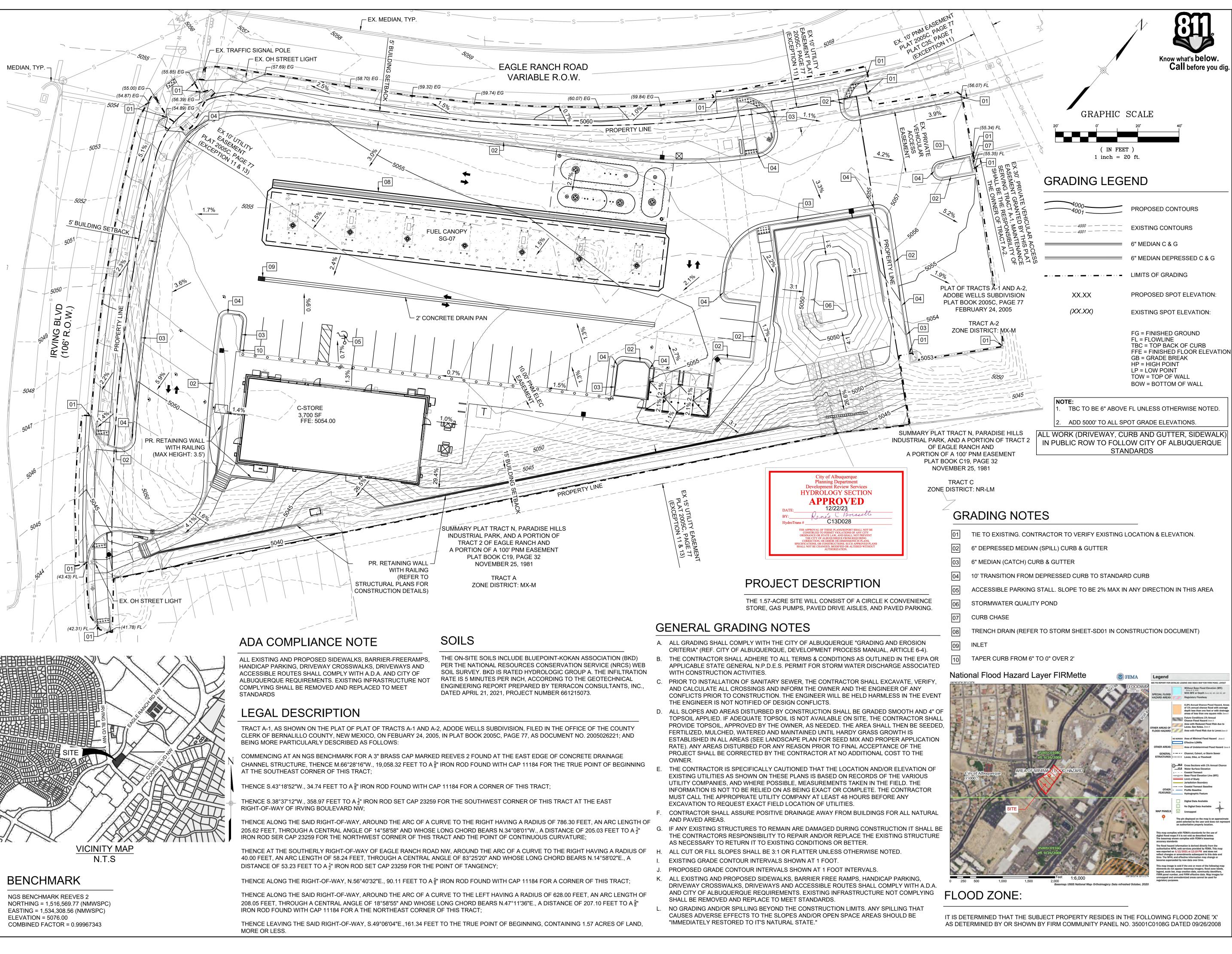
Planning Department, Development Review Services

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov



**CONSULTANTS:** Excellence by Design 2435 RESEARCH PARKWAY, SUITE

300 COLORADO SPRINGS, CO 80920

PHONE: (719) 575-0100 FAX: (719) 575-0208

OWNER/DEVELOPER



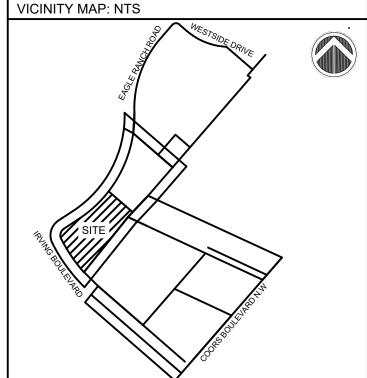
950 S. CHERRY STREET, SUITE 512 DENVER, CO 80246



ROCKY MOUNTAINS DIVISION 5500 S QUEBEC STREET, SUITE 100 GREENWOOD VILLAGE, CO 80111



FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE MOST RECENT PROJECT CONSTRUCTION DOCUMENTS. MATRIX DESIGN GROUP IS NOT RESPONSIBLE FOR CHANGES, ALTERATIONS, OR USE OF CONSTRUCTION DOCUMENTS PRIOR TO JURISDICTIONAL APPROVAL.



CHECKED BY: NMS

SHEET TITLE:

CIRCLE K STORES INC.

**GRADING & DRAINAGE PLAN** 

9620 EAGLE RANCH ROAD NW ALBUQUERQUE, NM 87114

REVISION HISTORY: NO. DATE DESCRIPTION DRAWING INFORMATION: PROJECT NO: 21.1207.001 DRAWN BY: BL, MR DESIGNED BY: RPD

**GRADING PLAN** 

**DG01** 

SHEET 1 OF 5

DATE: DECEMBER 2023

- ACCESSIBLE PARKING STALL. SLOPE TO BE 2% MAX IN ANY DIRECTION IN THIS AREA

Regulatory Floodway NO SCREEN Area of Minimal Flood Hazard Zo. Effective LOMRs Area of Undetermined Flood Ha JRES | IIIIIII Levee, Dike, or Floodwall S - - - Coastal Transect

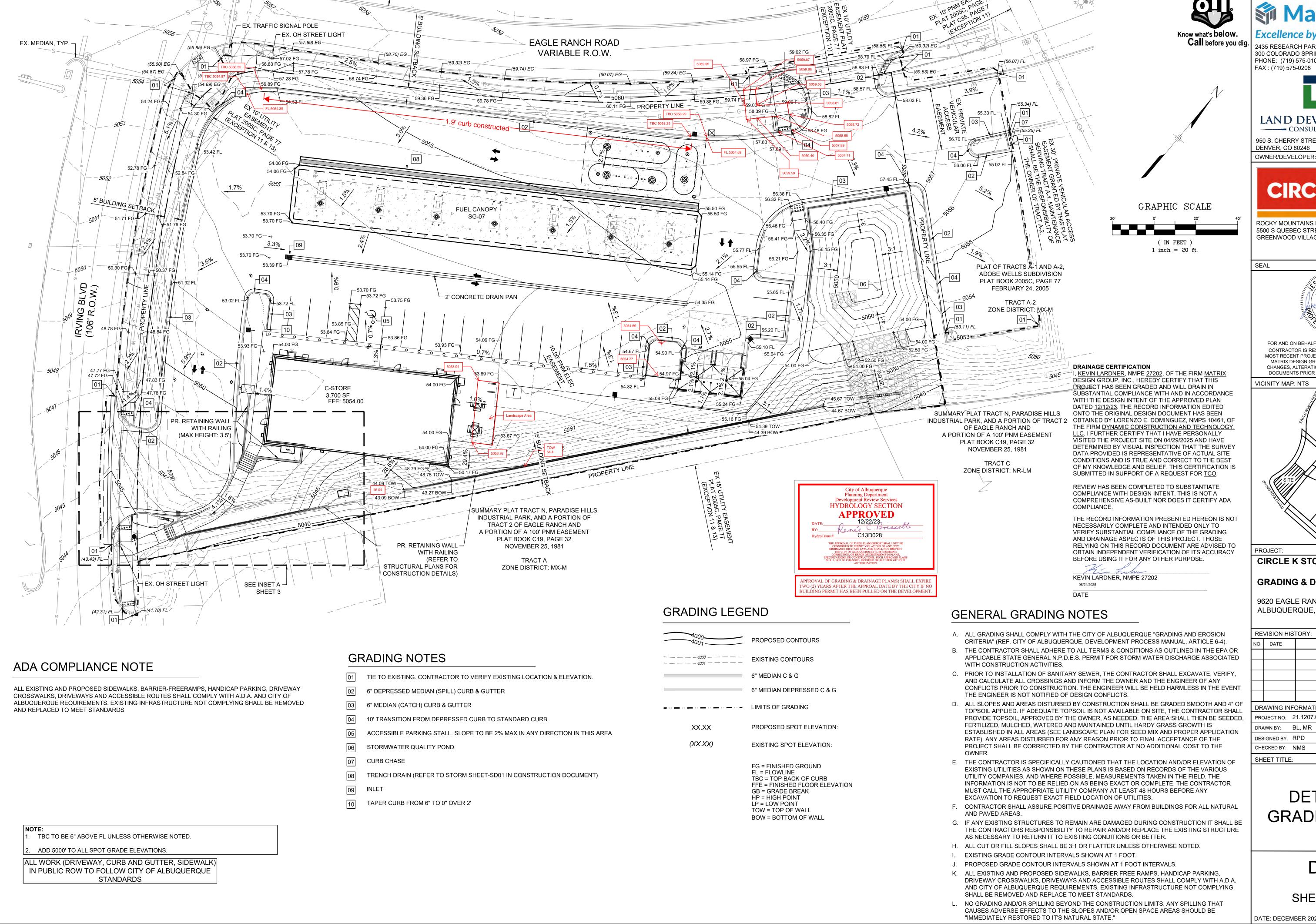
Base Flood Elevation Line (BFE)

Limit of Study

Jurisdiction Boundary --- Coastal Transect Baseline
Profile Baseline
Hydrographic Feature No Digital Data Available

legend, scale bar, map creation date, community identifier FIRM panel number, and FIRM effective date. Map images

IT IS DETERMINED THAT THE SUBJECT PROPERTY RESIDES IN THE FOLLOWING FLOOD ZONE 'X' AS DETERMINED BY OR SHOWN BY FIRM COMMUNITY PANEL NO. 35001C0108G DATED 09/26/2008



EX. MEDIAN, TYP.

**CONSULTANTS:** 

## Excellence by Design

2435 RESEARCH PARKWAY, SUITE 300 COLORADO SPRINGS, CO 80920 PHONE: (719) 575-0100



950 S. CHERRY STREET, SUITE 512 **DENVER, CO 80246** 

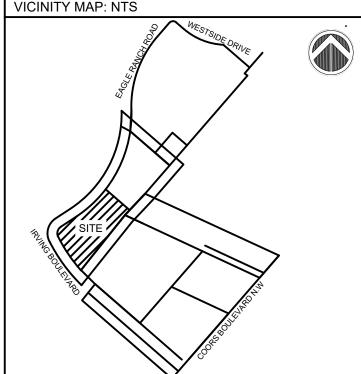


ROCKY MOUNTAINS DIVISION 5500 S QUEBEC STREET, SUITE 100 GREENWOOD VILLAGE, CO 80111



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VICINITY MAP: NTS



CIRCLE K STORES INC.

**GRADING & DRAINAGE PLAN** 

9620 EAGLE RANCH ROAD NW ALBUQUERQUE, NM 87114

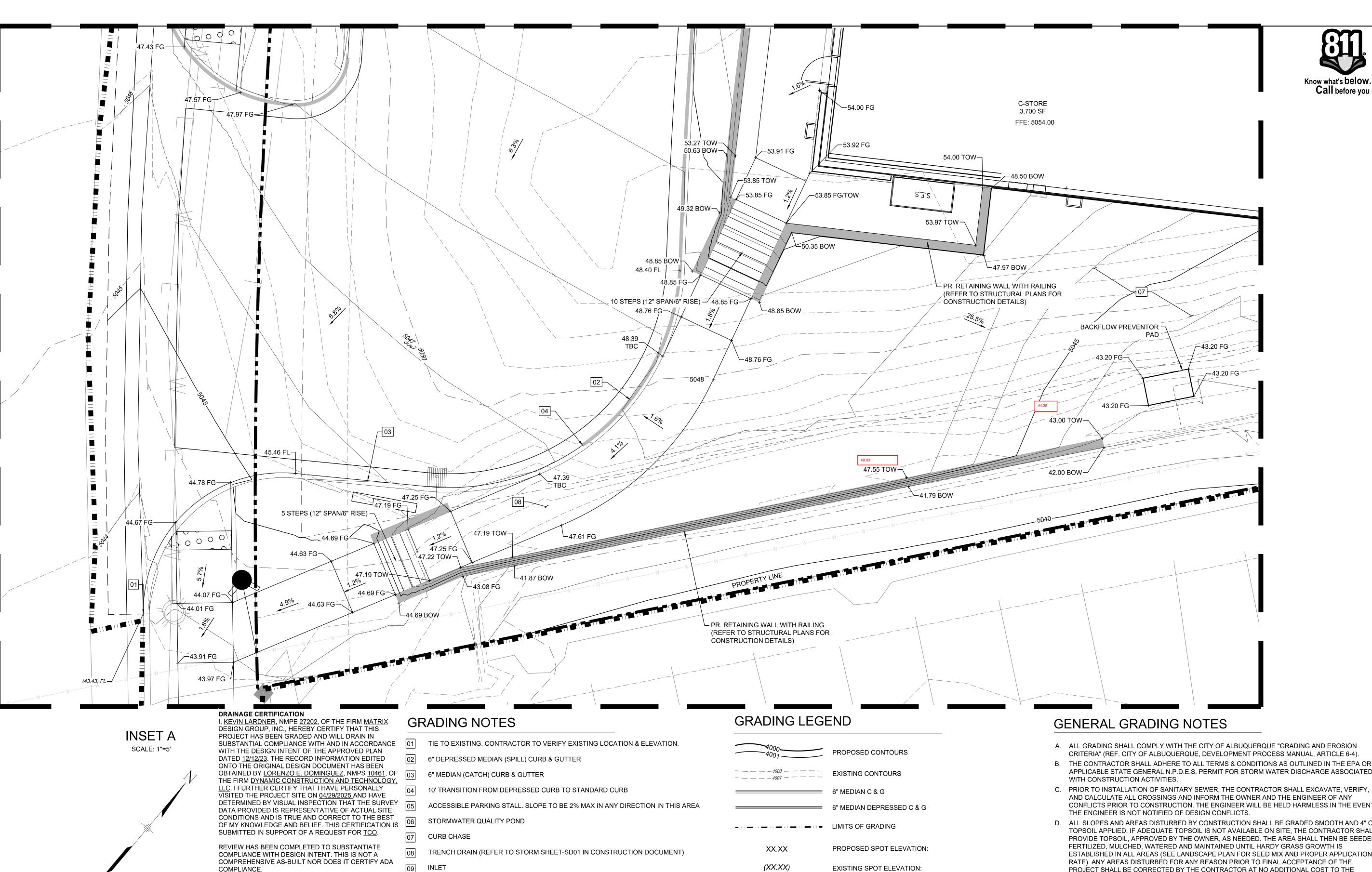
RE	REVISION HISTORY:							
NO.	DATE	DESCRIPTION						
DR	DRAWING INFORMATION:							
PRO	DJECT NO:	21.1207.001						
DRA	AWN BY:	BL, MR						
DES	SIGNED BY:	RPD						

DETAILED **GRADING PLAN** 

**DG02** 

SHEET 2 OF 5

DATE: DECEMBER 2023



- A. ALL GRADING SHALL COMPLY WITH THE CITY OF ALBUQUERQUE "GRADING AND EROSION CRITERIA" (REF. CITY OF ALBUQUERQUE, DEVELOPMENT PROCESS MANUAL, ARTICLE 6-4).
- B. THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE EPA OR APPLICABLE STATE GENERAL N.P.D.E.S. PERMIT FOR STORM WATER DISCHARGE ASSOCIATED
- AND CALCULATE ALL CROSSINGS AND INFORM THE OWNER AND THE ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION. THE ENGINEER WILL BE HELD HARMLESS IN THE EVENT
- D. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND 4" OF TOPSOIL APPLIED. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL, APPROVED BY THE OWNER, AS NEEDED. THE AREA SHALL THEN BE SEEDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS (SEE LANDSCAPE PLAN FOR SEED MIX AND PROPER APPLICATION RATE). ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE
- E. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
- F. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
- G. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
- H. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED
- I. EXISTING GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT.

SHALL BE REMOVED AND REPLACE TO MEET STANDARDS.

- J. PROPOSED GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT INTERVALS. K. ALL EXISTING AND PROPOSED SIDEWALKS, BARRIER FREE RAMPS, HANDICAP PARKING, DRIVEWAY CROSSWALKS, DRIVEWAYS AND ACCESSIBLE ROUTES SHALL COMPLY WITH A.D.A. AND CITY OF ALBUQUERQUE REQUIREMENTS. EXISTING INFRASTRUCTURE NOT COMPLYING
- L. NO GRADING AND/OR SPILLING BEYOND THE CONSTRUCTION LIMITS. ANY SPILLING THAT CAUSES ADVERSE EFFECTS TO THE SLOPES AND/OR OPEN SPACE AREAS SHOULD BE "IMMEDIATELY RESTORED TO IT'S NATURAL STATE."

**CONSULTANTS:** 

Excellence by Design Call before you dig. 2435 RESEARCH PARKWAY, SUITE

PHONE: (719) 575-0100

FAX : (719) 575-0208

OWNER/DEVELOPER:

300 COLORADO SPRINGS, CO 80920



950 S. CHERRY STREET, SUITE 512 **DENVER, CO 80246** 

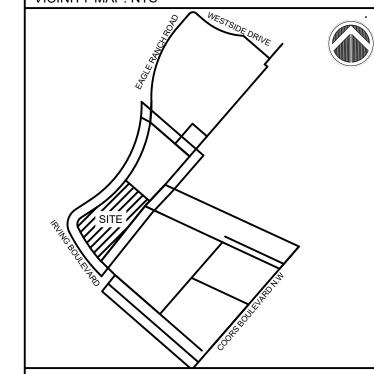


**ROCKY MOUNTAINS DIVISION** 5500 S QUEBEC STREET, SUITE 100 GREENWOOD VILLAGE, CO 80111



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**VICINITY MAP: NTS** 



PROJECT:

CIRCLE K STORES INC.

GRADING & DRAINAGE PLAN

9620 EAGLE RANCH ROAD NW ALBUQUERQUE, NM 87114

REVISION HISTORY:							
NO.	DATE	DESCRIPTION	BY				
DRAWING INFORMATION:							
PRC	DJECT NO:	21.1207.001					
DRAWN BY:		BL, MR					
DESIGNED BY:		RPD					
CHE	ECKED BY:	NMS					

DETAILED **GRADING PLAN** 

DG03

SHEET 3 OF 5

DATE: DECEMBER 2023

SHEET TITLE:

**EXISTING SPOT ELEVATION:** 

**BOW = BOTTOM OF WALL** 

FG = FINISHED GROUND FL = FLOWLINE TBC = TOP BACK OF CURB FFE = FINISHED FLOOR ELEVATION GB = GRADE BREAK HP = HIGH POINT LP = LOW POINT TOW = TOP OF WALL

#### City of Albuquerque Planning Department Development Review Services

**HYDROLOGY SECTION APPROVED** 12/22/23

BY: C13D028

## ADA COMPLIANCE NOTE

TAPER CURB FROM 6" TO 0" OVER 2'

THE RECORD INFORMATION PRESENTED HEREON IS NOT 10

NECESSARILY COMPLETE AND INTENDED ONLY TO

AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE

BEFORE USING IT FOR ANY OTHER PURPOSE.

**KEVIN LARDNER, NMPE 27202** 

DATE

GRAPHIC SCALE

( IN FEET )

1 inch = 5 ft.

TBC TO BE 6" ABOVE FL UNLESS OTHERWISE NOTED.

ALL WORK (DRIVEWAY, CURB AND GUTTER, SIDEWALK)

IN PUBLIC ROW TO FOLLOW CITY OF ALBUQUERQUE

STANDARDS

ADD 5000' TO ALL SPOT GRADE ELEVATIONS.

VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING

RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO

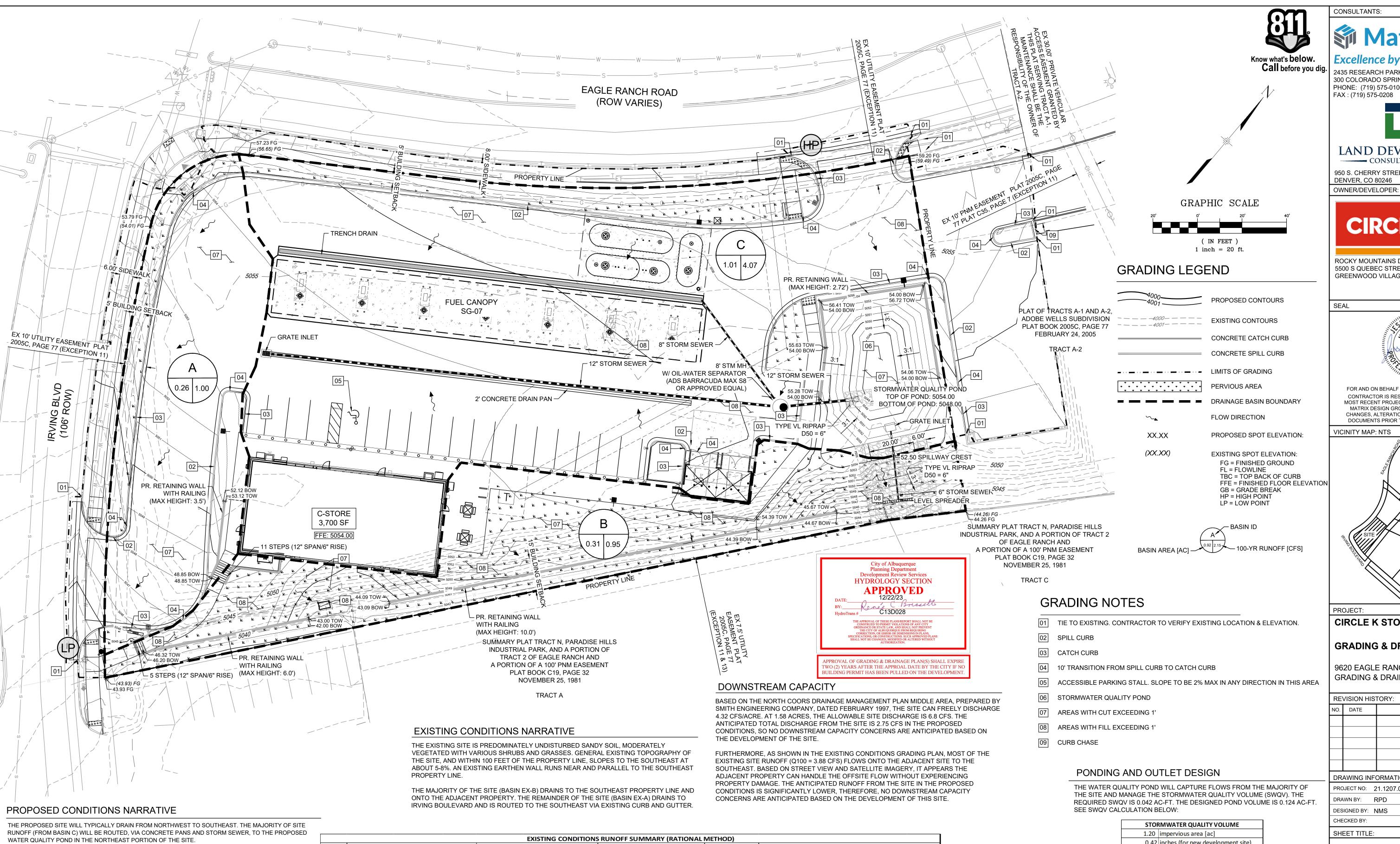
OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY

ALL EXISTING AND PROPOSED SIDEWALKS, BARRIER-FREERAMPS, HANDICAP PARKING, DRIVEWAY CROSSWALKS, DRIVEWAYS AND ACCESSIBLE ROUTES SHALL COMPLY WITH A.D.A. AND CITY OF ALBUQUERQUE REQUIREMENTS. EXISTING INFRASTRUCTURE NOT COMPLYING SHALL BE REMOVED AND REPLACED TO MEET STANDARDS

### LEGAL DESCRIPTION

TRACT A-1, AS SHOWN ON THE PLAT OF PLAT OF TRACTS A-1 AND A-2, ADOBE WELLS SUBDIVISION, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON FEBRUARY 24, 2005, IN PLAT BOOK 2005C, PAGE 77, AS DOCUMENT NO. 2005026221.

#### PPROVAL OF GRADING & DRAINAGE PLAN(S) SHALL EXPIRE WO (2) YEARS AFTER THE APPROAL DATE BY THE CITY IF NO BUILDING PERMIT HAS BEEN PULLED ON THE DEVELOPMENT



RUNOFF FROM BASIN A (Q100 = 1.00 CFS) WILL FLOW SOUTH/SOUTHEAST TO IRVING BOULEVARD. THE ANTICIPATED 100-YEAR FLOW IS SIGNIFICANTLY LESS THAN THE ALLOWABLE DISCHARGE (6.8 CFS), THEREFORE, NO DOWNSTREAM IMPACTS ARE ANTICIPATED.

RUNOFF FROM BASIN B (Q100 = 0.95 CFS) WILL FLOW SOUTHEAST TO THE SOUTHEASTERN PROPERTY LINE, WHERE IT ENTERS THE ADJACENT PROPERTY. THE ANTICIPATED 100-YEAR FLOW IS SIGNIFICANTLY LESS THAN THE EXISTING RUNOFF (EXQ100 = 3.88 CFS) TO THE SOUTHEASTERN PROPERTY LINE, THEREFORE NO \*Values per DPM Table 6.2.13. DOWNSTREAM IMPACTS ARE ANTICIPATED.

RUNOFF FROM BASIN C (Q100 = 4.07 CFS, POND DISCHARGE Q100 = 0.80 CFS) IS ROUTED VIA CONCRETE PANS AND STORM SEWER TO THE WATER QUALITY POND LOCATED IN THE NORTHEAST PORTION OF THE SITE. THE POND IS DESIGNED TO INFILTRATE THE STORMWATER QUALITY VOLUME (SWQV), TAKING ADVANTAGE OF THE EXISTING SANDY SOILS FOUND ON-SITE. THE POND INCLUDES A GRATE INLET SET AT AN ELEVATION ABOVE THE SWQV WATER SURFACE ELEVATION. THE GRATE INLET WILL DISCHARGE (Q100 = 0.80 CFS) VIA A 6" STORM SEWER, TO THE SOUTHEASTERN PROPERTY LINE. A LEVEL-SPREADER WILL DISSIPATE THE FLOW FROM THE STORM SEWER IN ORDER TO MITIGATE THE EROSIVE EFFECT OF CONCENTRATED FLOWS. IN THE EVENT THAT THE POND OVERTOPS, THE STORMWATER WILL BE ROUTED VIA AN EMERGENCY SPILLWAY AND SOIL RIPRAP RUNDOWN TO THE SOUTHEASTERN PROPERTY LINE. THE ANTICIPATED 100-YEAR FLOW ROUTED THROUGH THE POND IS SIGNIFICANTLY LESS THAN THE EXISTING 100-YEAR RUNOFF THAT FLOWS ONTO THE SOUTHEASTERN PROPERTY LINE (EXQ100 = 3.88 CFS). THEREFORE, NO DOWNSTREAM IMPACTS ARE ANTICIPATED. NOTE THAT THE RUNOFF FROM BASINS B AND C ARE NOT COMBINED BECAUSE THE PEAK FLOWS FROM EACH BASIN WILL EXIT THE SITE AT DIFFERENT TIMES DUE TO THE TIME THE POND TAKES TO

FILL UP TO THE LEVEL OF THE GRATE INLET.

EXISTING CONDITIONS RUNOFF SUMMARY (RATIONAL METHOD)										
BASIN	N Area [ac]			100 yr, 6-ht Ex	xcess Precipitat	ion, E*	100-yr-Prak Discharge [cfs/ac]**		Peak Discharge	
ID	Land Treat. C	Land Treat. D	Total	Land Treat. C	Land Treat. D	E [in]	Land Treat. C	Land Treat. D	[cfs]	Notes
EX-A	0.22	0.00	0.22	0.95	2.24	0.95	2.87	4.12	0.64	Flows overland to Irving Blvd curb & gutter
EX-B	1.35	0.00	1.35	0.95	2.24	0.95	2.87	4.12	3.88	Flows overland to Southern Property line
Total	1.58	0	1.58			1.90			4.52	
*Values per DPM Table 6.2.13										

\*\*Values per DPM Table 6.2.14.

	PROPOSED CONDITIONS RUNOFF SUMMARY (RATIONAL METHOD)									
NS Basir	1	Area [ac]		100-yr, 6-hr	<b>Excess Precipit</b>	tation, E*	100-yr Peak Discl	narge [cfs/ac]**	Peak	
HE ID	Land Treat.	C Land Treat. D	Total	Land Treat. C	Land Treat. D	E [in]	Land Treat. C	Land Treat. D	Discharge	Notes
Α	0.05	0.21	0.26	0.95	2.24	1.98	2.87	4.12	1.00	Flows routed via onsite curb and gutter to Irving Blvd. curb and gutter.
В	0.25	0.06	0.31	0.95	2.24	1.18	2.87	4.12	0.95	Flows overland to southern property line.
<b>E</b> C	0.08	0.94	1.01	0.95	2.24	2.14	2.87	4.12	4.07	Flows routed via concrete pans and storm sewer to WQ infiltration pond.
D									0.80	Flows routed through grate inlet in pond and 6" storm sewer discharges to southeastern property line through level spreader.
F Tota	0.38	1.20	1.58			5.31			2.75	
Tota	•	1.20	1.58			5.31			2.75	

STOR	RMWATER QUALITY VOLUME
1.20	impervious area [ac]
0.42	inches (for new development site)
1,829.5	SWQV [cf]
0.042	SWQV [ac-ft]

THE SWQV IS ANTICIPATED TO INFILTRATE THROUGH THE POND BOTTOM DUE TO THE SANDY SOILS. BASED ON THE INFILTRATION RATE (5 MINUTES PER INCH DETERMINED IN THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY TERRACON CONSULTANTS, INC., DATED APRIL 21, 2021, THE SWQV DRAINS IN 2.31 HOURS. TO BE CONSERVATIVE, A DRAIN TIME OF 7 HOURS IS ASSUMED.

THE POND INCLUDES A GRATE INLET SET AT 5051.9, ABOVE THE MAXIMUM SWQV WATER SURFACE ELEVATION (5050.40). THE GRATE INLET ROUTES FLOWS, VIA A 6" STORM SEWER AND LEVEL SPREADER, TO THE SOUTHEASTERN PROPERTY

IN THE EVENT THAT THE POND OVERTOPS, THE FLOW WILL BE ROUTED VIA AN EMERGENCY SPILLWAY AND SOIL RIPRAP RUNDOWN TO THE SOUTHEASTERN PROPERTY LINE. THE SPILLWAY CREST ELEVATION IS SET AT 5052.5.

CONSULTANTS:



## Excellence by Design

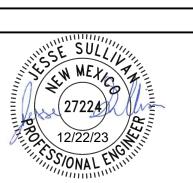
2435 RESEARCH PARKWAY, SUITE 300 COLORADO SPRINGS, CO 80920 PHONE: (719) 575-0100



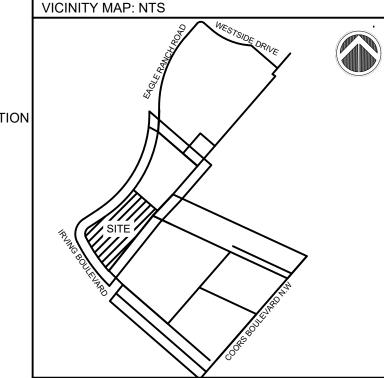
950 S. CHERRY STREET, SUITE 512 DENVER, CO 80246



ROCKY MOUNTAINS DIVISION 5500 S QUEBEC STREET, SUITE 100 GREENWOOD VILLAGE, CO 80111



CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE MATRIX DESIGN GROUP IS NOT RESPONSIBLE FOR CHANGES, ALTERATIONS, OR USE OF CONSTRUCTION DOCUMENTS PRIOR TO JURISDICTIONAL APPROVAL



PROJECT:

CIRCLE K STORES INC.

**GRADING & DRAINAGE PLAN** 

9620 EAGLE RANCH ROAD NW GRADING & DRAINAGE PLAN

REVISION HISTORY:									
IO.	DATE	DESCRIPTION	BY						

### DRAWING INFORMATION:

PROJECT NO: 21.1207.001 DRAWN BY: RPD DESIGNED BY: NMS CHECKED BY:

DRAINAGE PLAN

GR02

SHEET 4 OF 5

DATE: DECEMBER 2023





# CONSULTANTS:

Call before you dig. 2435 RESEARCH PARKWAY, SUITE 300 COLORADO SPRINGS, CO 80920

PHONE: (719) 575-0100 FAX: (719) 575-0208



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OWNER/DEVELOPER:

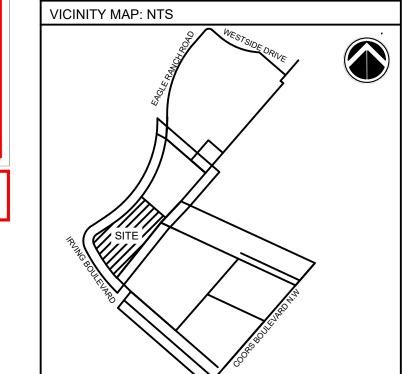


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SEAL



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PROJECT:

NO. DATE

CIRCLE K STORES INC.

9620 EAGLE RANCH ROAD NW

**GRADING & DRAINAGE PLAN** 

ALBUQUERQUE, NM 87114 REVISION HISTORY:

DRAWING INFORMATION:							
PROJECT NO: 21.1207.001							

DESCRIPTION

DRAWN BY: RPD DESIGNED BY: NMS CHECKED BY:

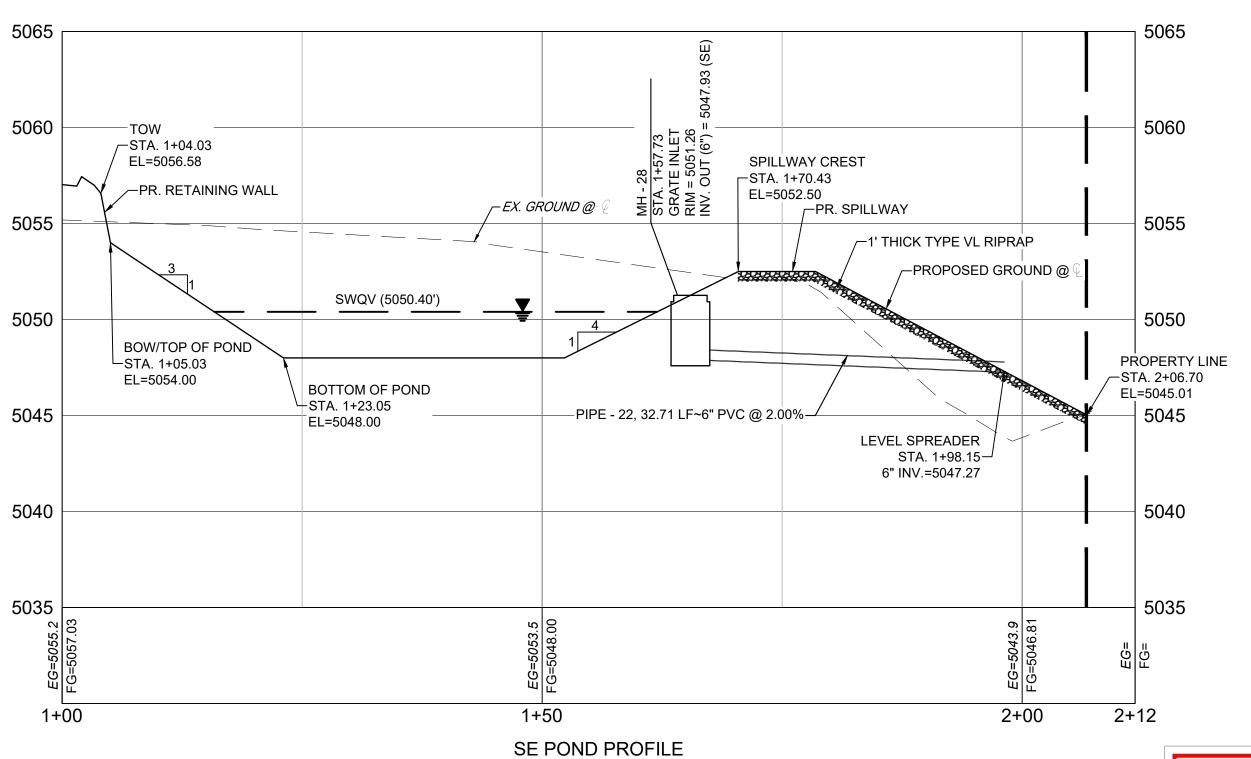
SHEET TITLE:

STORMWATER QUALITY POND PLAN & PROFILE

GR03

SHEET 5 OF 5

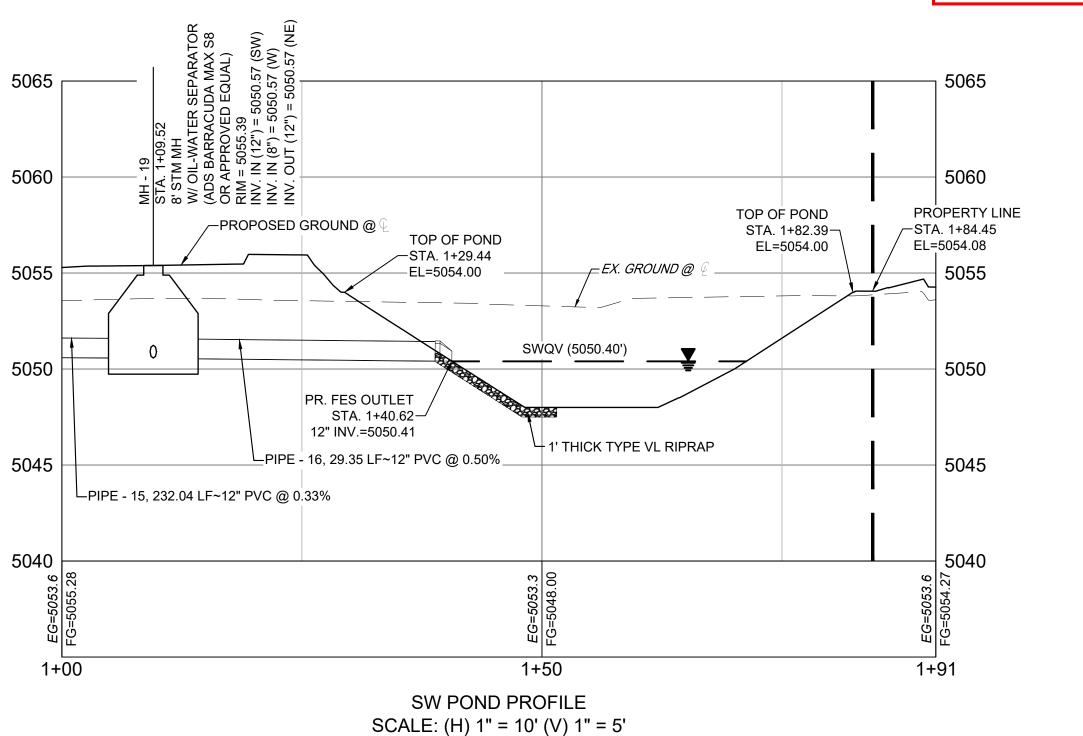
DATE: DECEMBER 2023



SCALE: (H) 1" = 10' (V) 1" = 5' START STA: 1+00.00, END STA: 2+11.76

City of Albuquerque Planning Department Development Review Services HYDROLOGY SECTION **APPROVED** DATE: 12/22/23
BY: C13D028

PPROVAL OF GRADING & DRAINAGE PLAN(S) SHALL EXPIRI WO (2) YEARS AFTER THE APPROAL DATE BY THE CITY IF N BUILDING PERMIT HAS BEEN PULLED ON THE DEVELOPMEN



START STA: 1+00.00, END STA: 1+91.02

1. REFERENCE CONSTRUCTION DOCUMENTS SHEET SD01 AND DT03 FOR STORM INFORMATION



LEVEL SPREADER

PR. RETAINING WALL

(MAX HEIGHT: 2.72')

─56.41 TOW

`\_54.00 BOW <sup>∕</sup>

55.63 TOW —

54.00 BOW

54.00 BOW-

8' STM MH

232.0 LF~12" PVC

→ 29.3 LF~12" PVC/

W/ OIL-WATER SEPARATOR

(ADS BARRACUDA MAX S8

OR APPROVED EQUAL)

PIPE - 17, 59.6 LF~8" PVC

WITH RAILING

L5052

-5051

-5049-

-STORMWATER QUALITY POND TOP OF POND: 5054.00

5051

BOTTOM OF POND: 5048.00

.5048-

TYPE VL RIPRAP

៌ D50 = 6"

54.00 BOW-

`56.72 TOW <del>-</del>

SE POND ALIGNMENT

\ 54.06 TOW→

\54.00 BOW —

GRÁTE INLET

52.50 SPILLWAY CREST

PIPE - 22, 32.7 LF~6" PVC

TYPE VL RIPRAP

PROPERTY LINE (TYP)

-(44.26) EG -44.26 FG

SW POND ALIGNMENT

( IN FEET )

1 inch = 10 ft.

PROPOSED SPOT ELEVATION:

XX.XX