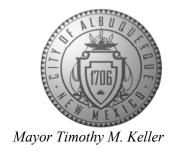
CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



December 22, 2023

Jesse Sullivan, P.E. Matrix Design Group, Inc. 2435 Research Parkway, Suite 300 Colorado Springs, CO 80920

RE: Circle K – 9620 Eagle Ranch Rd. NW

Grading & Drainage Plans

Engineer's Stamp Date: 09/22/23

Hydrology File: C13D028

Dear Mr. Sullivan:

Based upon the information provided in your submittal received 12/11/2022, the Grading & Drainage Plan is approved for Building Permit and Grading Permit. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

PO Box 1293

PRIOR TO CERTIFICATE OF OCCUPANCY:

Albuquerque

1. Engineer's Certification, per the DPM Part 6-14 (F): *Engineer's Certification Checklist For Non-Subdivision* is required.

NM 87103

2. Please provide the executed paper Drainage Covenant (latest revision) printed on one-side only with Exhibit A and a check for \$25.00 made out to "Bernalillo County" for the stormwater quality pond per Article 6-15(C) of the DPM to Hydrology for review at Plaza de Sol.

www.cabq.gov

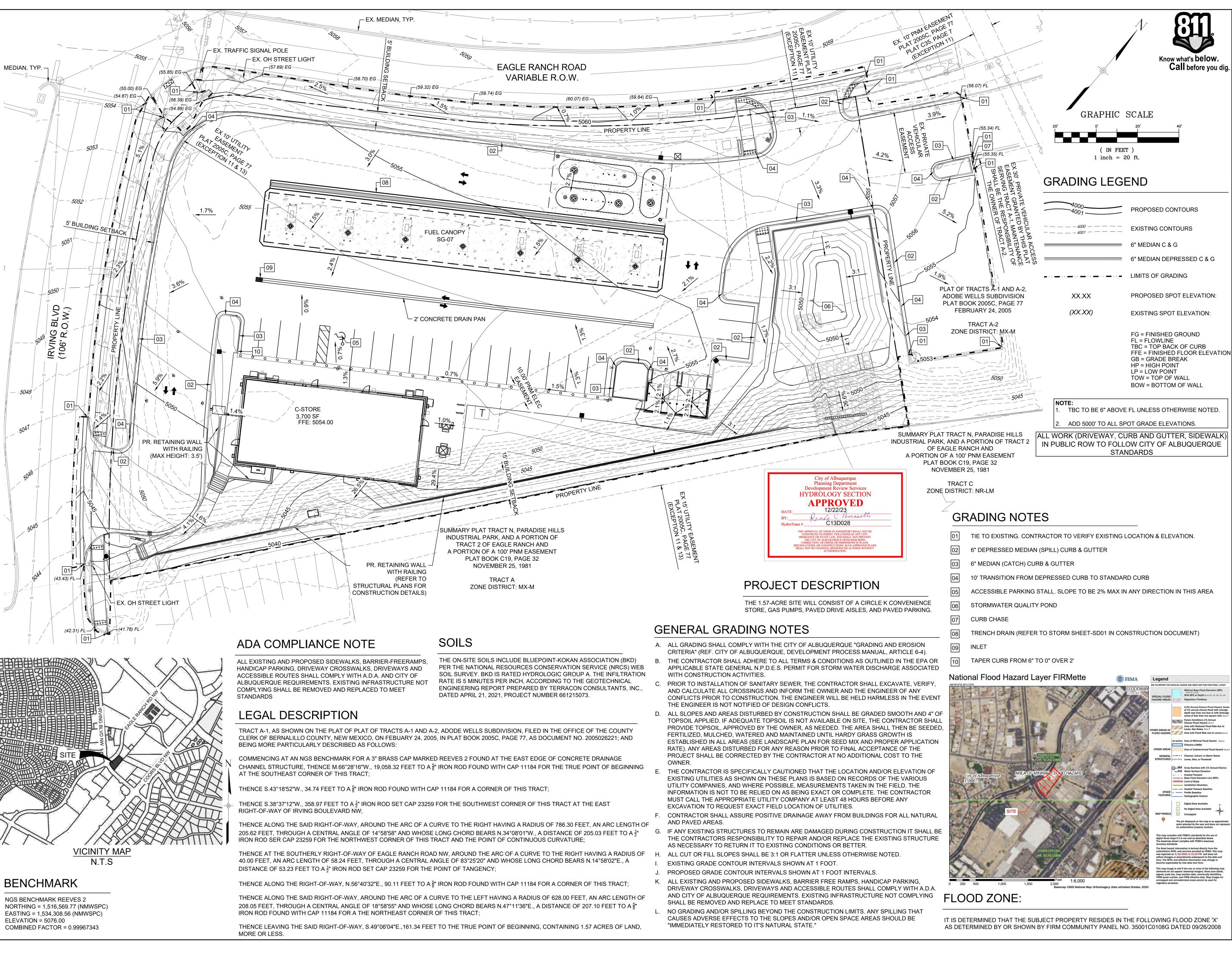
As a reminder, if the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, jhughes@cabq.gov, 924-3420) 14 days prior to any earth disturbance.

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

Sincerely,

Renée C. Brissette, P.E. CFM Senior Engineer, Hydrology Planning Department

Renée C. Brissette



CONSULTANTS: Excellence by Design

2435 RESEARCH PARKWAY, SUITE 300 COLORADO SPRINGS, CO 80920 PHONE: (719) 575-0100 FAX: (719) 575-0208



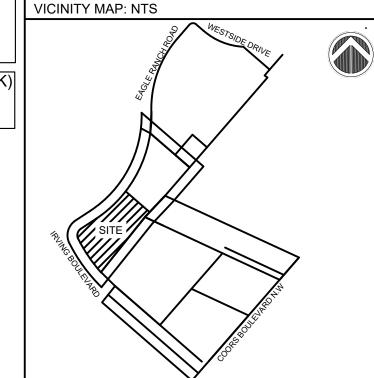
950 S. CHERRY STREET, SUITE 512 DENVER, CO 80246

OWNER/DEVELOPER

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.



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 CHECKED BY: NMS

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

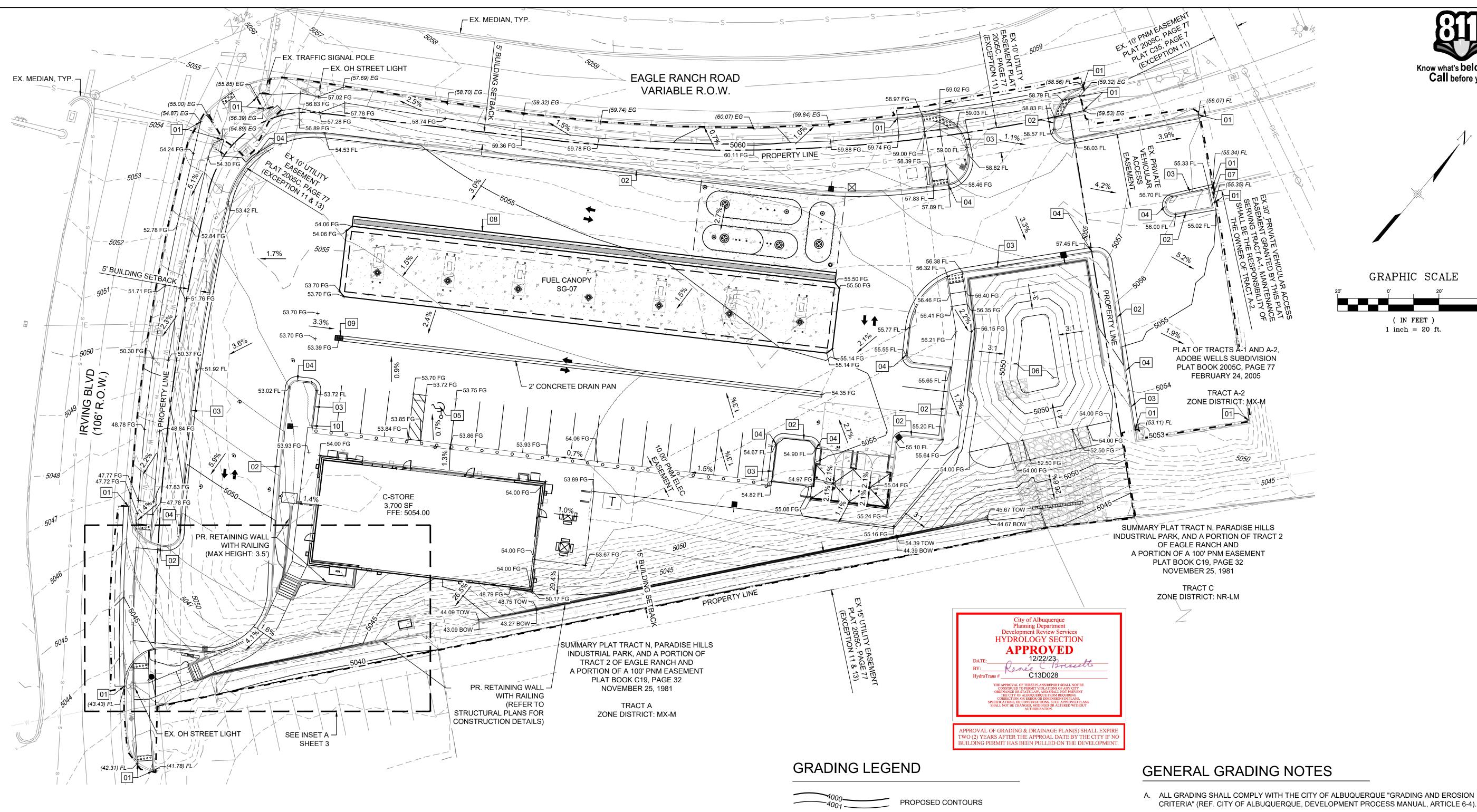
Base Flood Elevation Line (BFE)

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



TIE TO EXISTING. CONTRACTOR TO VERIFY EXISTING LOCATION & ELEVATION.

02 6" DEPRESSED MEDIAN (SPILL) CURB & GUTTER

03 6" MEDIAN (CATCH) CURB & GUTTER

GRADING NOTES

10' TRANSITION FROM DEPRESSED CURB TO STANDARD CURB

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

06 STORMWATER QUALITY POND

07 **CURB CHASE**

TRENCH DRAIN (REFER TO STORM SHEET-SD01 IN CONSTRUCTION DOCUMENT)

TAPER CURB FROM 6" TO 0" OVER 2'

6" MEDIAN C & G 6" MEDIAN DEPRESSED C & G LIMITS OF GRADING PROPOSED SPOT ELEVATION:

(XX.XX)

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

BOW = BOTTOM OF WALL

EXISTING SPOT ELEVATION:

- 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 WITH CONSTRUCTION ACTIVITIES.
- C. PRIOR TO INSTALLATION OF SANITARY SEWER, THE CONTRACTOR SHALL EXCAVATE, VERIFY, 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 THE ENGINEER IS NOT NOTIFIED OF DESIGN CONFLICTS.
- 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.
- 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 SHALL BE REMOVED AND REPLACE TO MEET STANDARDS.
- 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

Know what's below.

300 COLORADO SPRINGS, CO 80920 PHONE: (719) 575-0100 FAX: (719) 575-0208

LAND DEVELOPMENT CONSULTANTS, LLC

DENVER, CO 80246 OWNER/DEVELOPER:

950 S. CHERRY STREET, SUITE 512

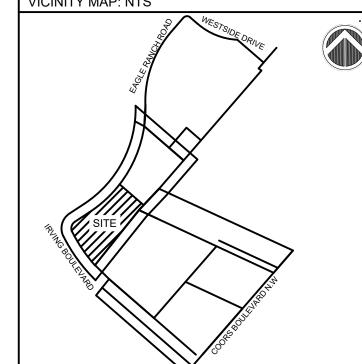


ROCKY MOUNTAINS DIVISION 5500 S QUEBEC STREET, SUITE 100 GREENWOOD VILLAGE, CO 80111



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VICINITY MAP: NTS



CIRCLE K STORES INC.

GRADING & DRAINAGE PLAN

9620 EAGLE RANCH ROAD NW ALBUQUERQUE, NM 87114

REVISION HISTORY: NO. DATE DESCRIPTION BY						
NO.	DATE	DESCRIPTION	BY			
DR	AWING IN	FORMATION:				
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

CHECKED BY: NMS

SHEET TITLE:

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

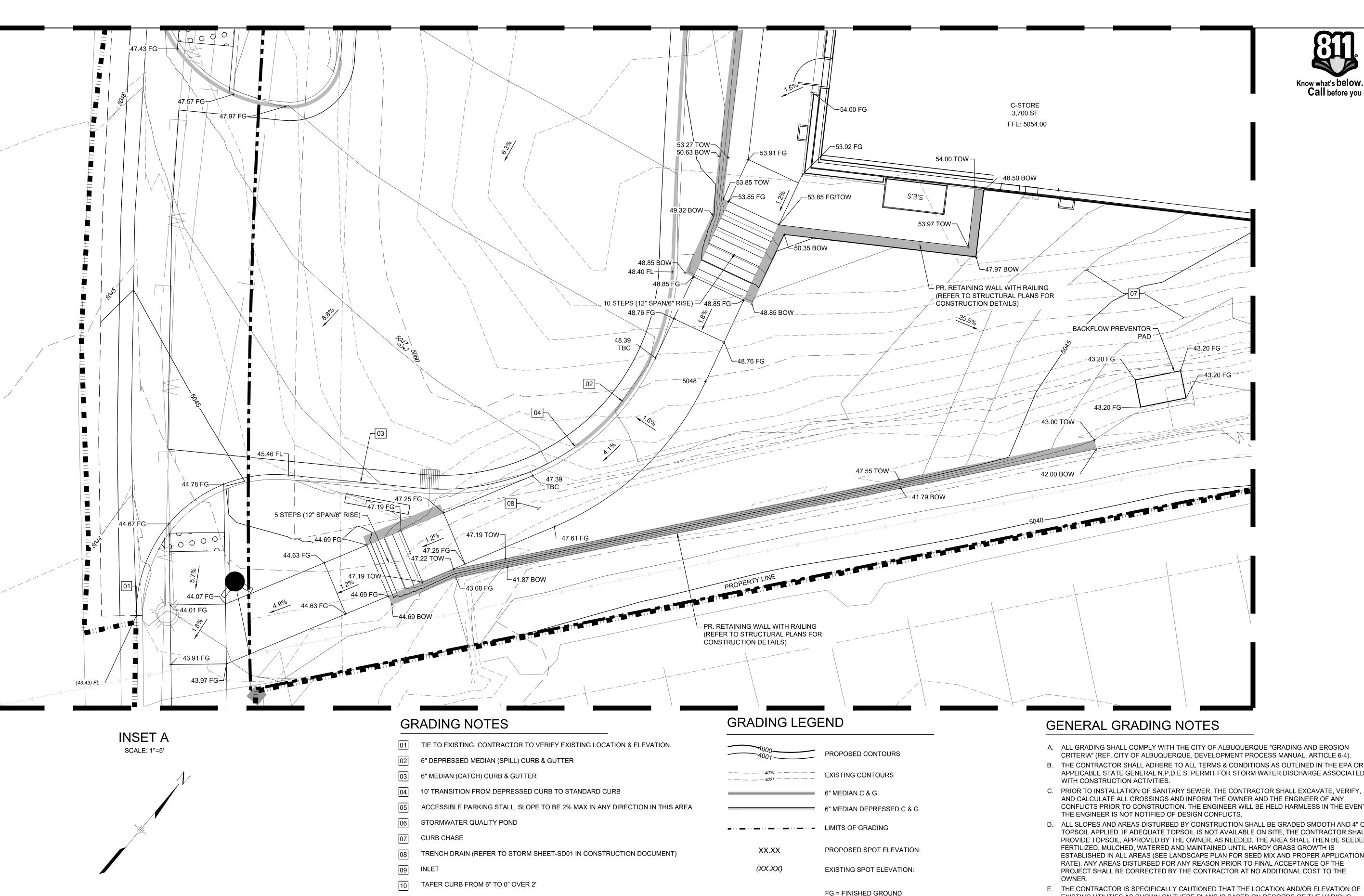
ADA COMPLIANCE NOTE

TBC TO BE 6" ABOVE FL UNLESS OTHERWISE NOTED.

ADD 5000' TO ALL SPOT GRADE ELEVATIONS.

ALL WORK (DRIVEWAY, CURB AND GUTTER, SIDEWALK) IN PUBLIC ROW TO FOLLOW CITY OF ALBUQUERQUE STANDARDS

ALL EXISTING AND PROPOSED SIDEWALKS, BARRIER-FREERAMPS, HANDICAP PARKING, DRIVEWAY



FL = FLOWLINE

GB = GRADE BREAK

TOW = TOP OF WALL

BOW = BOTTOM OF WALL

HP = HIGH POINT

LP = LOW POINT

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

TBC = TOP BACK OF CURB

FFE = FINISHED FLOOR ELEVATION

- 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
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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.

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

2435 RESEARCH PARKWAY, SUITE

300 COLORADO SPRINGS, CO 80920



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

OWNER/DEVELOPER:

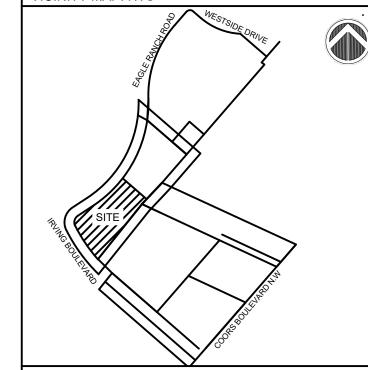


ROCKY MOUNTAINS DIVISION 5500 S QUEBEC STREET, SUITE 100 GREENWOOD VILLAGE, CO 80111



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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	BY					
DR	DRAWING INFORMATION:							
PRC	JECT NO:	21.1207.001						
DRAWN BY:		BL, MR						
DESIGNED BY:		RPD						
CHE	CKED BY:	NMS						

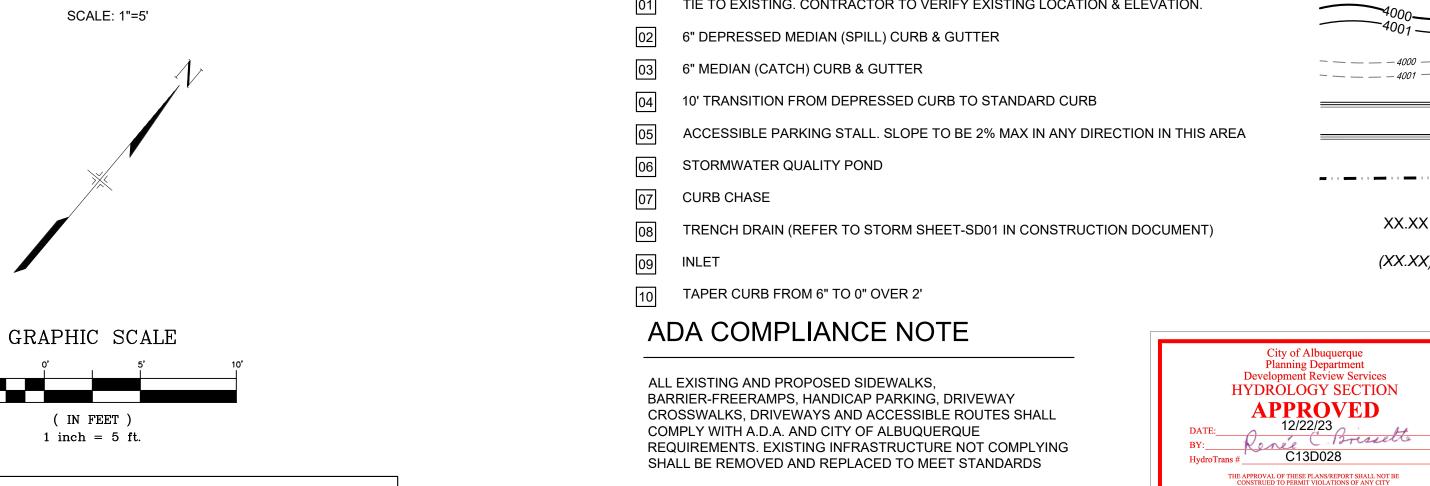
DETAILED **GRADING PLAN**

DG03

SHEET 3 OF 5

DATE: DECEMBER 2023

SHEET TITLE:



LEGAL DESCRIPTION

TRACT A-1, AS SHOWN ON THE PLAT OF PLAT OF TRACTS A-1 AND A-2,

CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON FEBRUARY 24, 2005,

ADOBE WELLS SUBDIVISION, FILED IN THE OFFICE OF THE COUNTY

IN PLAT BOOK 2005C, PAGE 77, AS DOCUMENT NO. 2005026221.

(IN FEET

1 inch = 5 ft.

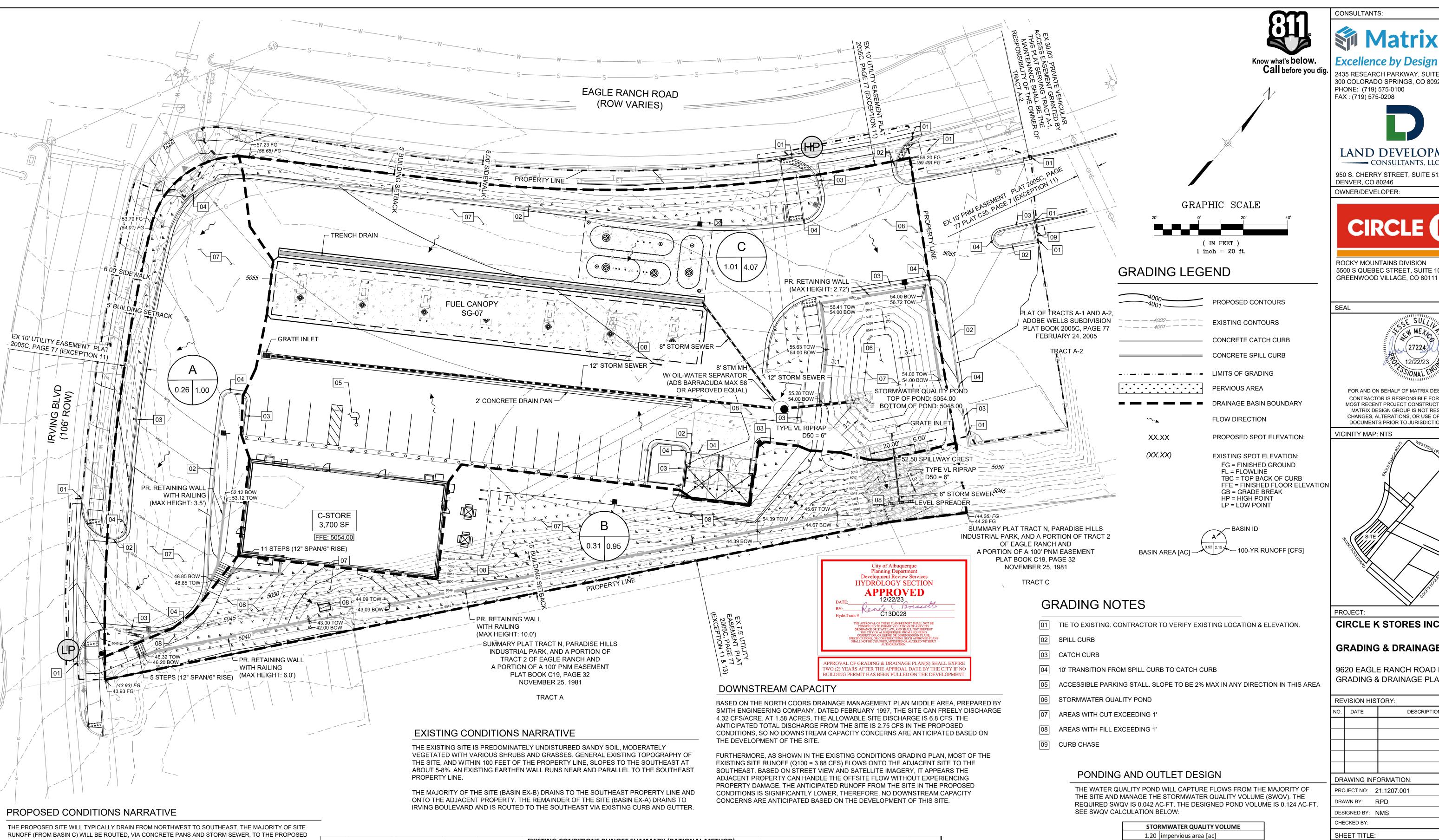
TBC TO BE 6" ABOVE FL UNLESS OTHERWISE NOTED.

ALL WORK (DRIVEWAY, CURB AND GUTTER, SIDEWALK)

IN PUBLIC ROW TO FOLLOW CITY OF ALBUQUERQUE

STANDARDS

ADD 5000' TO ALL SPOT GRADE ELEVATIONS.



WATER QUALITY POND IN THE NORTHEAST PORTION OF THE SITE.

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 PAN 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 TH 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 ROUTE 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.

	Li				EXISTING CON	DITIONS	S RUNOFF SUMN	ARY (RATIONAL I	METHOD)	
BASIN		Area [ac]		100 yr, 6-ht E	xcess Precipitat	ion, E*	100-yr-Prak Dis	charge [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	
*\/alule	s ner DPM Tahl	06213						_		

**Values per DPM Table 6.2.14.

NIC								PRO	POSED CONDITI	ONS RUNOFF	SUMMARY (RATIONAL METHOD)
HE	Basin		Area [ac]		100-yr, 6-hr	Excess Precipit	tation, E*	100-yr Peak Discl	harge [cfs/ac]**	Peak	
HE		Land Treat.	C Land Treat. D	Total	Land Treat. C	Land Treat. D	E [in]	Land Treat. C	Land Treat. D	Discharge	Notes
Ε [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.
IE	С	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.
ND										0.80	Flows routed through grate inlet in pond and 6" storm sewer discharges to southeastern property line through level spreader.
ED IF	Total	0.38	1.20	1.58			5.31			2.75	
-	*Value	es per DPM	Table 6.2.13.								

**Values per DPM Table 6.2.14.

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



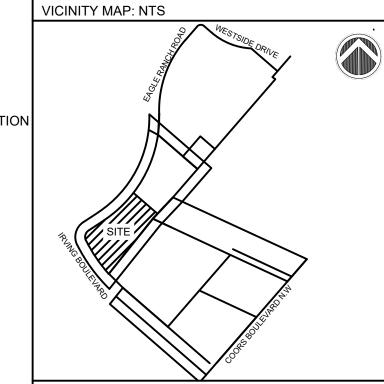
950 S. CHERRY STREET, SUITE 512 DENVER, CO 80246



ROCKY MOUNTAINS DIVISION 5500 S QUEBEC STREET, SUITE 100



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

		DESCRIPTION	
RE'	VISION HIS		
NO.	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

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



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

OWNER/DEVELOPER:

300 COLORADO SPRINGS, CO 80920



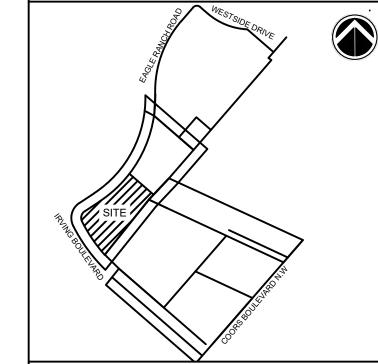
ROCKY MOUNTAINS DIVISION 5500 S QUEBEC STREET, SUITE 100 GREENWOOD VILLAGE, CO 80111

SEAL



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VICINITY MAP: NTS



PROJECT:

CIRCLE K STORES INC.

9620 EAGLE RANCH ROAD NW

GRADING & DRAINAGE PLAN

ALBUQUERQUE, NM 87114

RE	REVISION HISTORY:						
NO.	DATE	DESCRIPTION	BY				

DRAWING INFORMATION: PROJECT NO: 21.1207.001

DRAWN BY: RPD DESIGNED BY: NMS CHECKED BY:

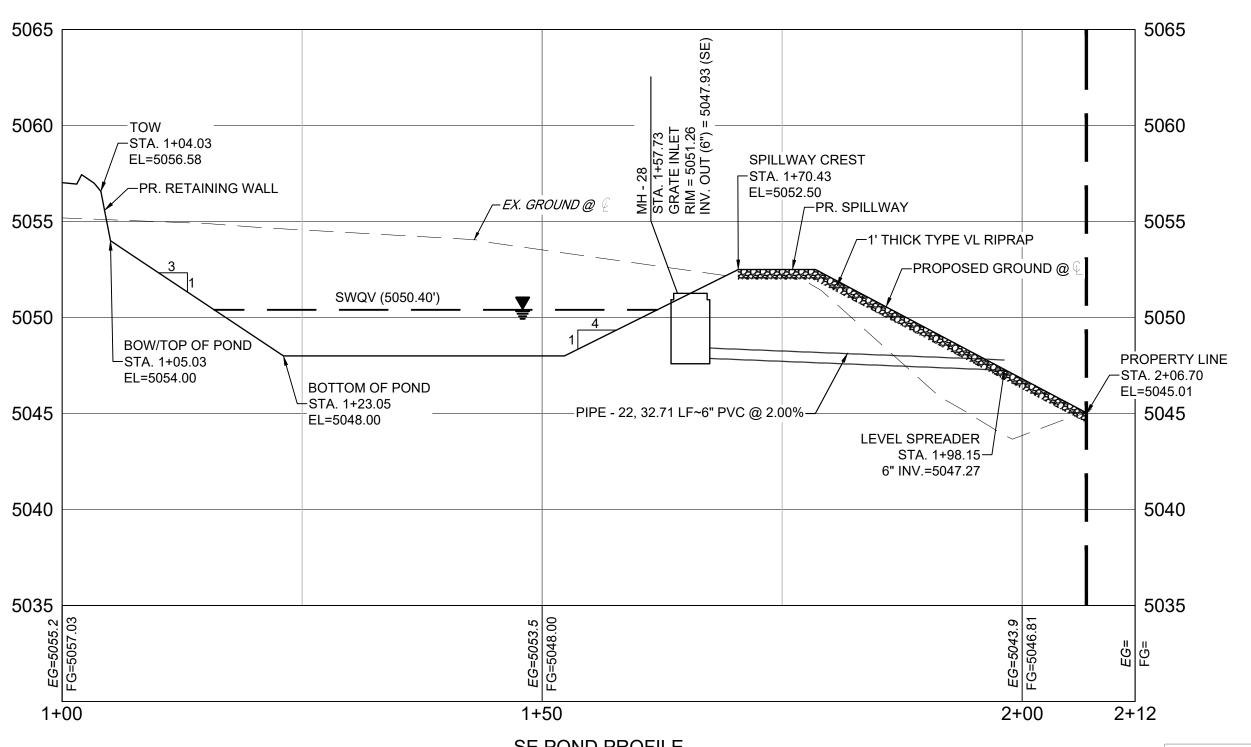
SHEET TITLE:

STORMWATER QUALITY POND PLAN & PROFILE

GR03

SHEET 5 OF 5

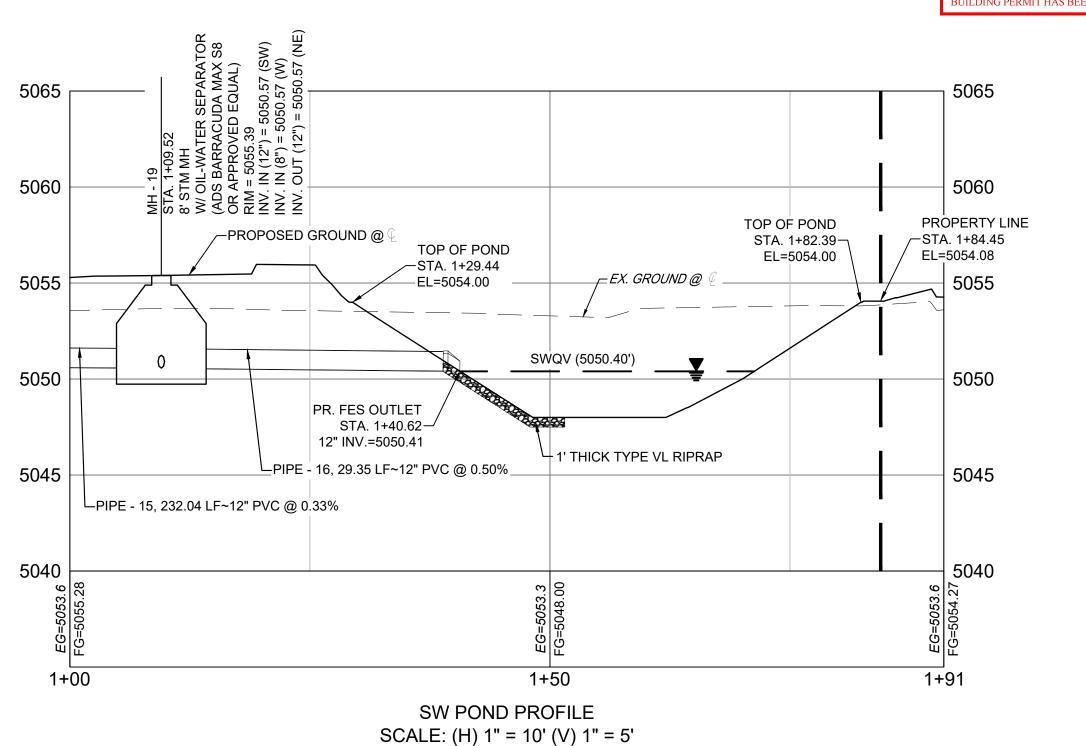
DATE: DECEMBER 2023



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

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

DT03 FOR STORM INFORMATION

XX.XX



LEVEL SPREADER

PR. RETAINING WALL

(MAX HEIGHT: 2.72')

─56.41 TOW

`_54.00 BOW [∕]

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 -

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.

1. REFERENCE CONSTRUCTION DOCUMENTS SHEET SD01 AND

PROPOSED SPOT ELEVATION: