SANITARY SEWER

TO SERVE

CLUB CARWASH

47TH ST. & S. BROADWAY ST.
CITY OF WICHITA, KANSAS

GARY JANZEN, P.E. CITY ENGINEER

PROJECT NUMBER

2020-030710 PPS (184011)

D. Reinhardt - City of Wichita, Inspector Stub
Release Date: 1/20/2021
: apr 1/26/2021

VICINITY MAP
NO SCALE

GENERAL NOTES:

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARDS SPECIFICATIONS AND SPECIAL PROVISIONS.

2. CONTRACTOR WILL BE REQUIRED TO PROVIDE NOTICE TO UTILITY COMPANIES A MINIMUM OF SEVENTY–TWO (72) HOURS PRIOR TO AND EXCAVATION, AS FOLLOWS:

   KANSAS ONE–CALL 687–2470

   THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

AT&T	1–800–246–8464
BLACK HILLS ENERGY	1–800–694–8989
CITY OF WICHITA WATER & SEWER	1–316–219–8921
CITY OF WICHITA STORMWATER	1–316–268–4090
CITY OF WICHITA TRAFFIC	1–316–268–4034
COX COMMUNICATIONS	1–888–249–3530
KANSAS GAS SERVICE	1–888–482–4950
EVERGY	1–800–544–4857

3. UTILITY SERVICE LINES, POLES, ETC. ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE PLANS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT–OF–WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

4. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS, IN THE OPINION OF THE ENGINEER, THAT WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WILL REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS. OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WILL REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

5. TREES AND SHRUBS IN PUBLIC RIGHT–OF–WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE CITY ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.

6. THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY ABUTTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS NOTICE PRIOR TO START OF CONSTRUCTION.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE–ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE–ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.

8. THE ENGINEERING DIVISION SHALL FIELD LOCATE WATER VALVES ONE TIME DURING CONSTRUCTION WHEN REQUESTED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE SUCH FIELD LOCATIONS DURING THE CONSTRUCTION PROCESS. WATER VALVES, VALVE BOXES OR FIRE HYDRANTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY CONTRACTOR AT HIS OWN EXPENSE. VALVE BOXES AND WATER METERS WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO MATCH FINAL GRADES BY THE CONTRACTOR.

9. THE CONTRACTOR SHALL NOTIFY THE INSPECTING ENGINEER AND TOM MASON AT 316–268–4574 WITH THE CITY OF WICHITA WITH THE ANTICIPATED CONSTRUCTION START DATE AND NOTIFY THEM OF PROJECT COMPLETION. STAKING AND INSPECTION OF THIS PROJECT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

10. IF TRAFFIC WILL BE IMPACTED BY CONSTRUCTION, A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY TRAFFIC ENGINEER, MIKE ARMOUR AT traffic@wichita.gov BEFORE CONSTRUCTION CAN BEGIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES TO FACILITATE CONSTRUCTION. ALL CONSTRUCTION ZONE MARKINGS AND SIGNAGE SHALL CONFORM TO THE LATEST VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS PUBLISHED BY THE US DEPT. OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION. ALL COSTS ASSOCIATED WITH CONSTRUCTION MARKINGS AND SIGNAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

11. ALL ELEVATIONS SHOWN ARE NAVD 88.

12. ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE RESTORED TO MATCH EXISTING CONDITIONS.

13. ANY SIDEWALK, DRIVE APPROACH, CURB, OR STREET PAVEMENT REMOVED TO CONSTRUCT PROJECT MUST HAVE A PAVEMENT CUT PERMIT AND BE REPLACED BY THE CITY CONTRACTOR. PERMITS CAN BE OBTAINED BY CALLING 316–268–4501 OR 316–268–4480.

14. ALL APPLICABLE FEES (TAP, EQUITY, IN LIEU OF & MAIN BENEFIT) MUST BE PAID BEFORE AND CONNECTIONS CAN BE MADE ON THIS PROJECT. QUOTES CAN BE OBTAINED ON FEES BY CALLING 316–268–4555.

15. CITY MAINTENANCE OF SANITARY SEWER MAINS ENDS AT THE LAST STRUCTURE WITHIN THE EASEMENT OR RIGHT–OF–WAY.

16. ALL STUBS AND CAPPED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE IN THE SAME MANNER AS RISER.

17. CONNECTING TO EXISTING MAINS:
    PRIOR TO LAYING SEWER LINES USING EXISTING STUBS IN EXISTING MANHOLES, THE CONTRACTOR SHALL EXPOSE AND VERIFY THE ELEVATION, GRADE AND ALIGNMENT OF EXISTING STUBS AND NOTIFY THE ENGINEER OF ANY DEVIATION FROM THE PLANS. WHERE THE STUB IS UNUSABLE DUE TO ELEVATION GRADE OR ALIGNMENT, THE CONTRACTOR SHALL REMOVE THE STUB AND PLUG THE HOLE, AND RESHAPE THE EXISTING MANHOLE INVERT TO PROVIDE SMOOTH FLOW. WHERE CONNECTING TO AN EXISTING MANHOLE THAT DOES NOT HAVE AN EXISTING STUB, THE CONTRACTOR SHALL CORE CUT INTO EXISTING MANHOLE WALL TO MAKE CONNECTION USING APPROVED WATER STOP GASKET, AND RESHAPE THE EXISTING MANHOLE INVERT TO PROVIDE SMOOTH FLOW. THE COST TO CONNECT TO EXISTING MANHOLES IS INCIDENTAL TO THE PROJECT.

18. CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH OPENINGS OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET.

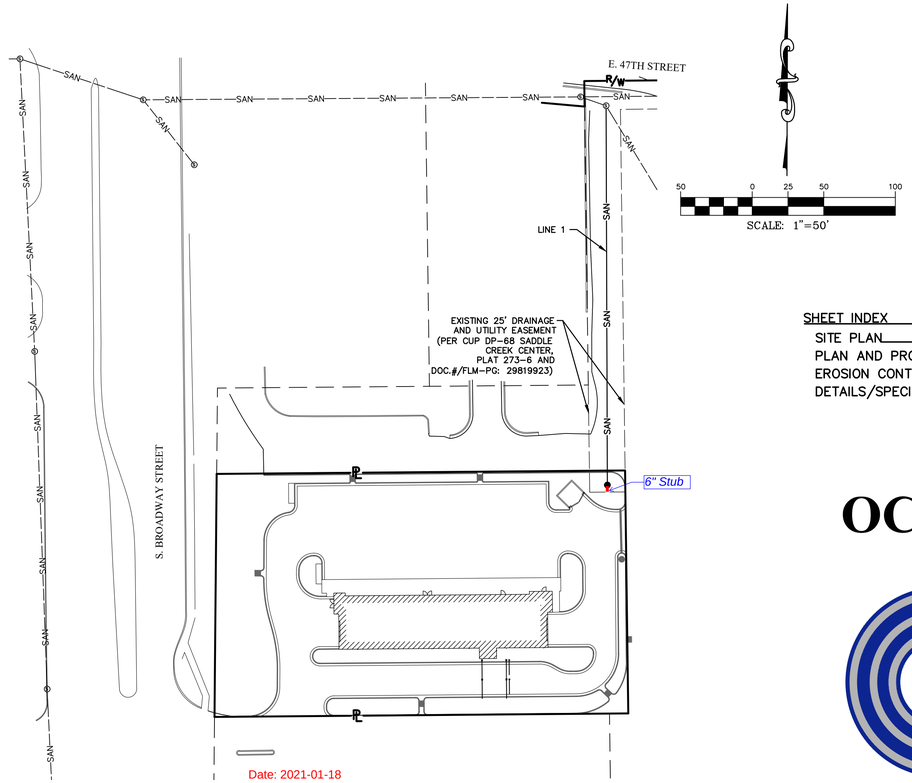
19. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.

20. THE CONTRACTOR SHALL PREVENT ANY CONSTRUCTION DEBRIS FROM ENTERING THE EXISTING SANITARY SEWER DURING CONSTRUCTION.

21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONTINUOUS FLOW OF SEWAGE THROUGH CONSTRUCTION. CONTRACTORS PROPOSED METHOD FOR MAINTAINING SEWAGE FLOW SHALL BE SUBMITTED AND APPROVED BY THE SEWER MAINTENANCE DIVISION (316–268–4073) PRIOR TO STARTING AND BY–PASSING OF SEWAGE FLOWS.

22. ANY OVER EXCAVATION FROM MANHOLE AND PIPE REMOVAL SHALL BE BACKFILLED WITH AB–3 COMPACTED TO 90–95% ASTM D698.

23. THE CONTRACTOR SHALL PROTECT FROM DAMAGE AND SUPPORT EXISTING UTILITIES THROUGH CONSTRUCTION AS APPROVED BY THE UTILITY OWNER AND THE ENGINEER AT THE CONTRACTOR'S EXPENSE.



Date: 2021-01-18
Inspector: A. Thompson
Design/Inspecting Firm: Cochran/Kaw Valley Engineering, Inc.
Contractor: Jaco General Contractor, Inc.
Subcontractor: Sooter Excavating, Inc
Built in general conformance to construction plans, except where noted on plans.

BENCHMARKS

BM#1: BM#901 FROM SADDLE CREEK ADDITION. SQUARE CUT ON TOP OF CURB, AT THE SOUTHWEST CORNER OF MCDONALD'S LOT AND EAST SIDE OF BROADWAY AVENUE, 25 FEET WEST (±) OF THE NORTHWEST CORNER OF LOT 3.
ELEV. = 1274.44 (NAVD 88)

SHEET INDEX	SHEET
SITE PLAN	1
PLAN AND PROFILE	2
EROSION CONTROL PLAN	3
DETAILS/SPECIFIC/EROSION CONTROL	4

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS ENGINEERING DIVISION

ENGINEERING APPROVED BY SETH GOTCHEY 10/9/2020

UTILITIES APPROVED BY LADONNA LAWRENZ 10/9/2020

NOTE TO CONTRACTORS

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF KANSAS. NO WORK SHALL BE PERFORMED BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED WITHOUT WRITTEN AUTHORIZATION BY CITY ENGINEERING. ALL CONSTRUCTION AND MATERIALS SHALL COMPLY WITH THE CURRENT CITY OF WICHITA SPECIFICATIONS AND STANDARDS AND SPECIAL PROVISIONS (ON FILE AND AVAILABLE AT Wichita.gov).

AN APPROVED COPY OF THESE PLANS SIGNED BY CITY STAFF ARE REQUIRED ON–SITE.

OCTOBER, 2020

COCHRAN

- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- SITE DEVELOPMENT
- MASTER PLANNING
- GENERAL CONSULTING

8 EAST MAIN STREET, WENTZVILLE, MISSOURI 63385
TELEPHONE (636) 332–4574
FAX (636) 327–0760
E–MAIL wentmail@cochraneng.com

KURTIS J. DANIELS LICENSED 26277 10-9-2020 KANSAS PROFESSIONAL ENGINEER

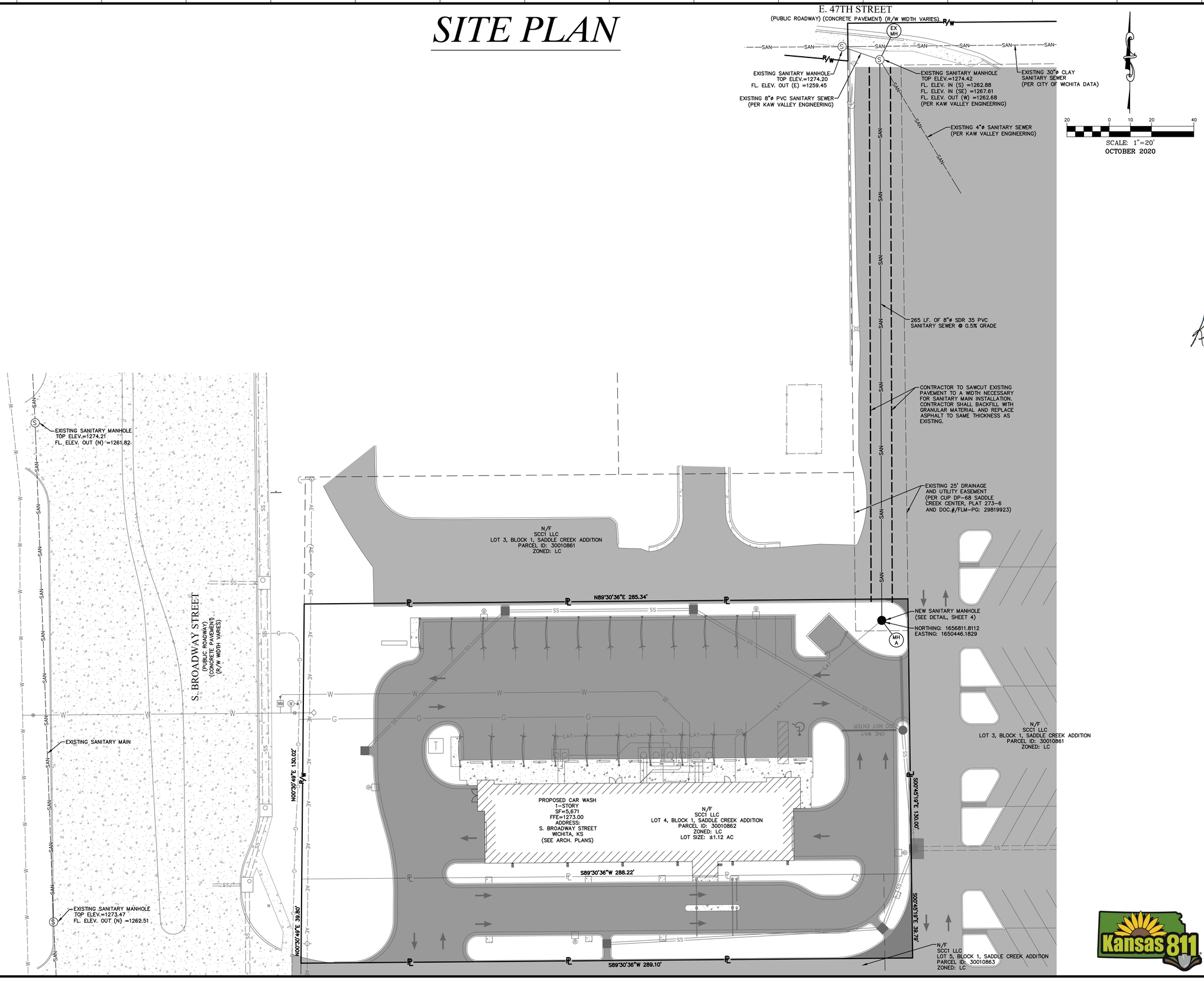
DATE

Kurtis J. Daniels No. 26277
Registered Professional Engineer
State of Kansas
for Cochran Engineering & Surveying

KANSAS STATE CERTIFICATE OF AUTHORITY NUMBER: E–2927

DWG NAME: J:\2020\M20-7855 - CCW, 47th-Broadway, Wichita, KS\M20-7855A - Civil Design\ENGINEERING\AUTOCAD DRAWINGS\03_Construction Drawings\03_SANITARY SEWER PLANS\M20-7855A_0 COVER.dwg LAYOUT TAB: 0 PLOTTED ON: Oct 09, 2020 - 9:53am PLOTTED BY: nbuehrle

SITE PLAN



OWNER:
SCC1, LLC
4911 S. MERIDIAN
WICHITA, KS 67217

DEVELOPER:
CLUB CARWASH OPERATING, LLC
1213 OLD HWY 63, STE 101
COLUMBIA, MO 65201

COCHRAN
North Office
8 East Main Street
Wentzville, Missouri 63385
636-332-4574 (tel.)
636-327-0760 (fax)
wentzville@cochraneng.com
• Civil Engineering
• Land Surveying
• Architecture
• Site Development
• General Consulting
• Master Planning
Kansas State Certificate of Authority Numbers: E-2927

Two working days prior to the start of any excavation on this site, contractor shall call 1-800-DIG-SAFE for utility location information.

All OSHA rules & regulations established for the type of construction required by these plans shall be strictly followed (ie. Trenching, Blasting, etc.)

KURTIS J. DANIELS
LICENSED
26277
10-9-2020
KANSAS
PROFESSIONAL ENGINEER
KURTIS J. DANIELS
E-26277

SANITARY SEWER
CLUB CARWASH
WICHITA, KANSAS

DATE:	REVISION:	DWN. BY:	APP'D. BY:

DWN. BY:	APP'D. BY:
NTB	KJD

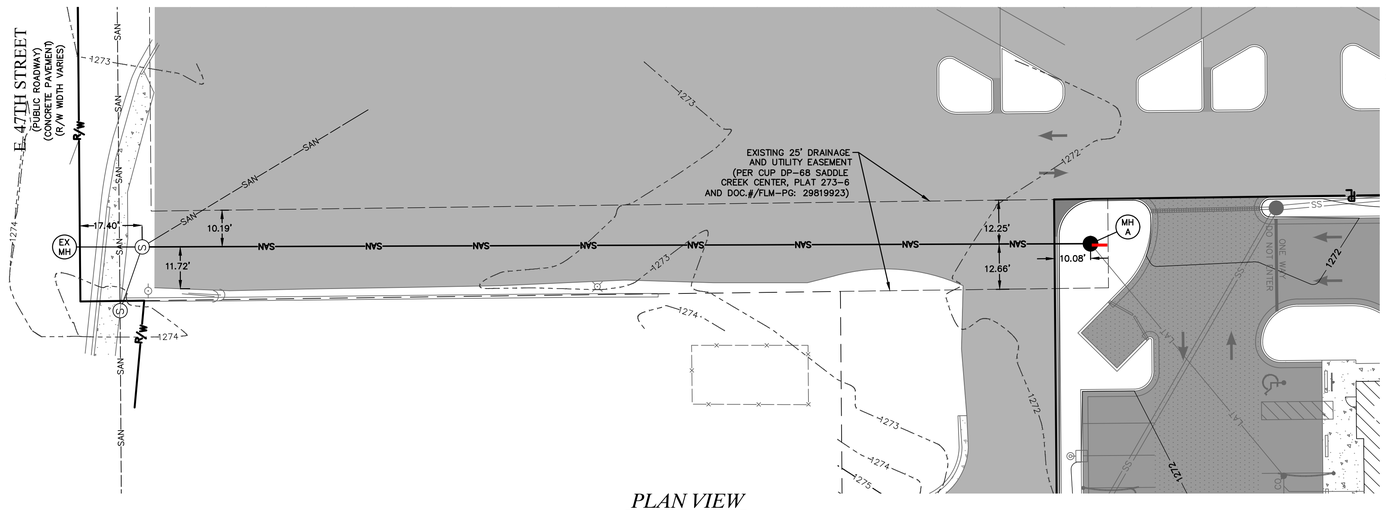
DATE: OCTOBER 2020
SCALE: 1" = 20'
PROJ. NO: 2020-030710 PPS
DWG. NO: 1

SITE PLAN

Kansas 811

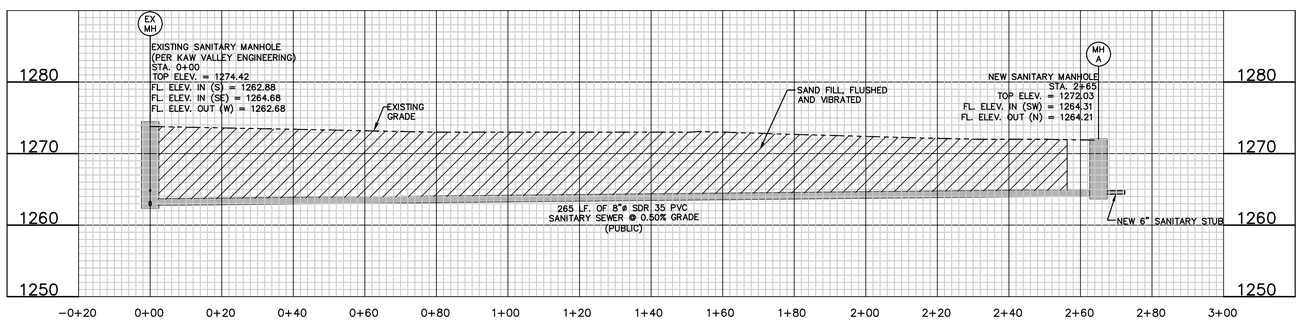
DWG NAME: J:\2020\M20-7855 - CCW, 47th-Broadway, Wichita, KS\M20-7855A - Civil Design\ENGINEERING\AUTOCAD DRAWINGS\03_Construction Drawings\03_SANITARY SEWER PLANS\M20-7855A_1 SITE PLAN.dwg LAYOUT TAB: 1 PLOTTED ON: Oct 09, 2020 - 9:53am PLOTTED BY: nbuehrle

PLAN AND PROFILE



PLAN VIEW

SCALE: 1"=20'
OCTOBER 2020



PROFILE VIEW

HORZ. 0 10 20
VERT. 0 5 10

OWNER:	DEVELOPER:
SCC1, LLC 4911 S. MERIDIAN WICHITA, KS 67217	CLUB CARWASH OPERATING, LLC 1213 OLD HWY 63, STE 101 COLUMBIA, MO 65201

North Office
8 East Main Street
Wentzville, Missouri 63385
636-327-4574 (tel.)
636-327-0760 (fax)
wentzville@cochranengineering.com
COCHRAN
• Civil Engineering
• Land Surveying
• Architecture
• Site Development
• General Consulting
• Master Planning

Kansas State Certificate of Authority Numbers: E-2927

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E-26277

SANITARY SEWER
CLUB CARWASH
WICHITA, KANSAS

DATE:	REVISION:	DWN. BY:	APPD. BY:

PLAN AND PROFILE

DWN. BY: NTB	APPD. BY: KJD
DATE: OCTOBER 2020	
HOR. SCALE: 1" = 20'	
VERT. SCALE: 1" = 10'	
PROJ. NO: 2020-030710 PPS	
DWG. NO: 2	

Kansas 811

DWG NAME: J:\2020\M20-7855 - CCW, 47th-Broadway, Wichita, KS\M20-7855A - Civil Design\ENGINEERING\AUTOCAD DRAWINGS\03_Construction Drawings\03_SANITARY SEWER PLANS\M20-7855A_2 PLAN AND PROFILE.dwg LAYOUT TAB: 2 PLOTTED ON: Oct 09, 2020 - 9:54am PLOTTED BY: nbuehrle