

GENERAL NOTES

- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- CONTRACTOR WILL BE REQUIRED TO PROVIDE NOTICE TO UTILITY COMPANIES A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY 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
- 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.
- 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 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 CONSTRUCTION LIMITS WILL REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
- 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.
- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL NOTIFY THE INSPECTING ENGINEER AND DAWNITA REINHARDT AT 316-268-4574 WITH THE CITY OF WICHITA WITH THE ANTICIPATED CONSTRUCTION START DATE AND NOTIFY THEM OF PROJECT COMPLETION. STAKING AND INSPECTION FOR THIS PROJECT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 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.
- ALL ELEVATIONS SHOWN ARE NAVD 88.
- ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE RESTORED TO MATCH EXISTING CONDITIONS.

- ANY SIDEWALK, DRIVE APPROACH, 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.
- ALL APPLICABLE FEES (TAP, EQUITY, IN LIEU OF & MAIN BENEFIT) MUST BE PAID BEFORE ANY CONNECTIONS CAN BE MADE ON THIS PROJECT. QUOTES CAN BE OBTAINED ON FEES BY CALLING 316-268-4555.
- CITY MAINTENANCE OF SANITARY SEWER MAINS ENDS AT LAST STRUCTURE WITHIN THE EASEMENT OR RIGHT-OF-WAY LINED.
- ALL STUBS AND CAPPED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE IN THE SAME MANNER AS RISERS.
- CONNECTING TO EXISTING MANHOLES:
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 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 CONNECTING TO EXISTING MANHOLES IS INCIDENTAL TO THE PROJECT.
- CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH OPENINGS OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.
- THE CONTRACTOR SHALL PREVENT ANY CONSTRUCTION DEBRIS FROM ENTERING THE EXISTING SANITARY SEWER DURING CONSTRUCTION.
- 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 (316-268-6073) PRIOR TO STARTING AND BY-PASSING OF SEWAGE FLOWS.
- ANY OVER EXCAVATION FROM MANHOLE AND PIPE REMOVAL SHALL BE BACKFILLED WITH AB-3 COMPACTED TO 90-95% ASTM D698.
- THE CONTRACTOR SHALL PROTECT FROM DAMAGE AND SUPPORT EXISTING UTILITIES THROUGH CONSTRUCTION AS APPROVED BY THE UTILITY OWNER AND THE ENGINEER AT THE CONTRACTORS EXPENSE.

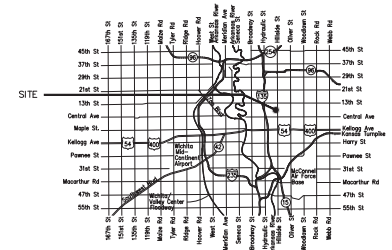
OWNER CONTACT
JADE LASSITER, P.E.
EVERGY, INC.
785-508-2773
JADE.LASSITER@EVERGY.COM

Contractor Name: UCI Industrial Construction Services
Inspection Company: Professional Engineering Consultants, PA
Inspector Name: Kirk Jurgensen
Redline plans date: 7/08/2024

SANITARY SEWER to serve MOSSMAN SUBSTATION 800 N CHAUTAUQUA CITY OF WICHITA, KANSAS

Paul Gunzelman, P.E. City Engineer
Project Number
2024-004431 PPS (53030982)

5648B
SS23-02



Vicinity Map

SHEET INDEX

SK9320_Si0801	TITLE SHEET AND GENERAL NOTES
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SK9320_Si0803	SANITARY SEWER DEMOLITION PLAN
SK9320_Si0804	BACK OF CURB & CURB INLET PROTECTION CONSTR. ENTR.
SK9320_Si0805	SILT FENCE DITCH CHECK AND BARRIER DETAILS
SK9320_Si0806	STRAW BALE DITCH CHECK AND BARRIER DETAILS
SK9320_Si0807	STREET IMPROVEMENT PROJECTS
SK9320_Si0808	SUBDIVISION DEVELOPMENT PROCESS

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS
ENGINEERING DIVISION

Engineering SHAWN MELLIES, P.E. March 27, 2024

Utilities SCOTT MACEY March 27, 2024

NOTE TO CONTRACTORS

Public Property:
Inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection is to be in accordance with the City of Wichita standard construction engineering practices and certified by a Professional Engineer Licensed 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 City of Wichita Specifications and Standards and Special Provision (on file and available in the City Engineer's Office) or on the City's Website.

An approved copy of these plans signed by City staff are required on-site.

KEY MAP

SEE SHEET SK9320_Si0802

BENCHMARKS

SEE SHEET SK9320_Si0802

HORIZONTAL CONTROL

SEE SHEET SK9320_Si0802

PROJECT CONSTRUCTED PER PLANS
KIRK JURGENSEN - 2024-07-08

MARCH 2024



PEC #: 239030-013



SK9320_Si08

SHEET NO. 01 OF 08

REV. 01 OF 08

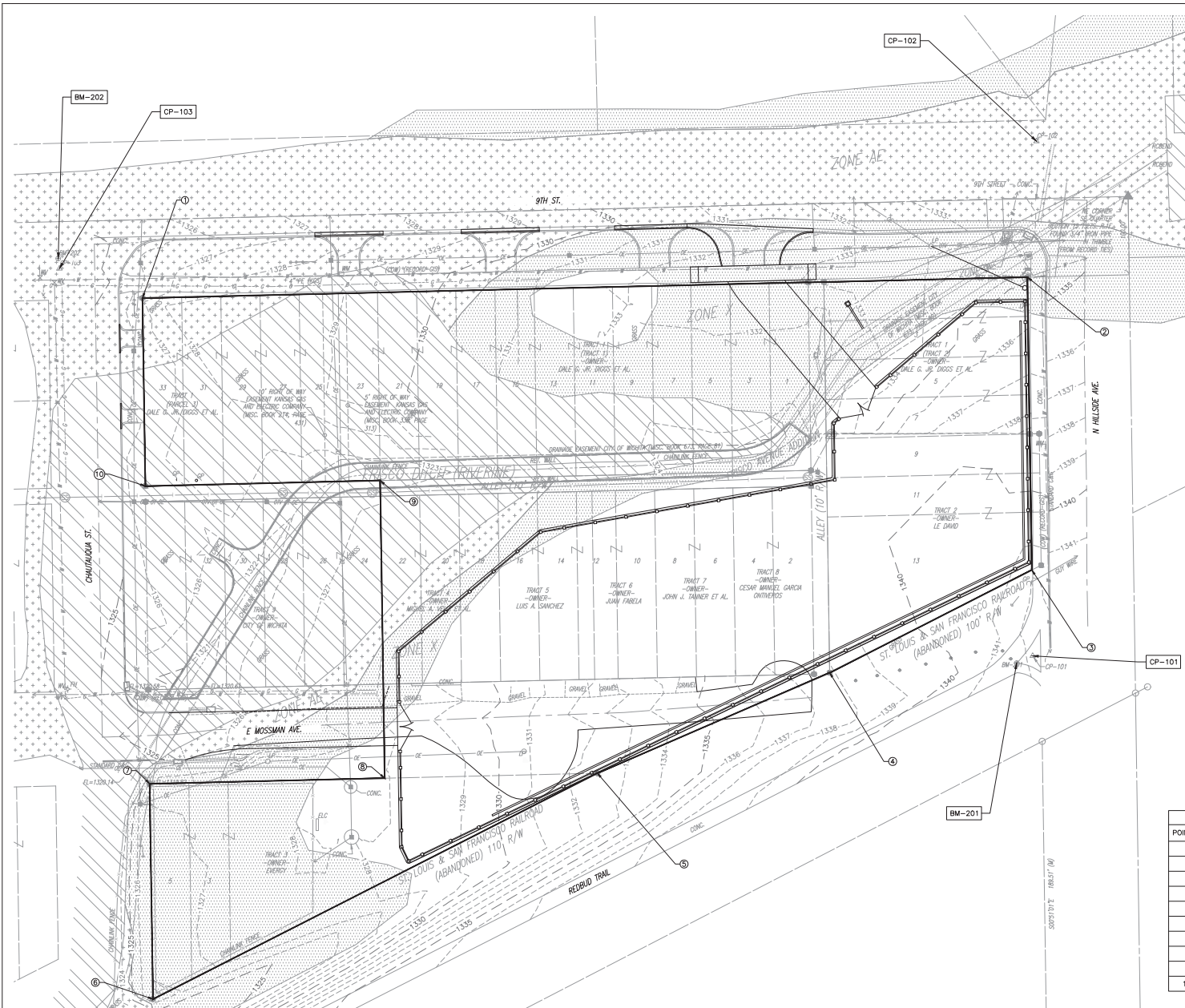
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6			2				
5			1				

DRAWN BY	KRH - PEC	DATE	03/2024	SCALE	NOT TO SCALE
DESIGNED BY	CRG - PEC	DATE	03/2024	REV. NO.	XXXXXX
APPROVED BY	AMD - PEC	DATE	03/2024		



TITLE	MOSSMAN SUBSTATION PPS INFRASTRUCTURE PERMIT TITLE SHEET AND GENERAL NOTES	DWG. NO.	SK9320_Si08
GROUP:	ESUB	CAD FILE NO.:	SK9320_Si0801.DWG

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UTILITY LOCATES

MEMBERS NOTIFIED
(PHONE NUMBER)

WICHITA WATER
(316-268-4555)

KANSAS GAS SERVICE
(800-794-4780)

EVERGY
(785-249-1948)

COX COMMUNICATIONS
(800-778-9140)

ATT DISTRIBUTION
(800-778-9140)

UTILITY LOCATE NOTE
PROVIDER: DIGSAFE
TICKET NO: 23340410
ORDER DATE: 06/23/23

PROJECT CONTROL

HORIZONTAL CONTROL:

HORIZONTAL DATUM: NAD83 (2011) KANSAS SOUTH ZONE
US SURVEY FEET
STATE PLANE GRID
COMBINED ADJUSTMENT FACTOR (CAF):
GROUND TO GRID = 1.0000628247
GRID TO GROUND = 0.99993718
SCALE POINT: NORTHING: 1,690,894.993, EASTING: 1,659,724.685

CP-101
N: 1,690,894.9926
#4 BAR W/ PEC CP CAP @ SW CORNER TRAIL W. SIDE OF HILLSIDE AVENUE.
1. 14.0' W TO CENTER GUARD POST FOR TRAIL
2. 4.5' SE TO REDBUD TRAIL SIGN
3. 19.5' S TO E POST CARDIAC VASCULAR SIGN

CP-102
N: 1,691,223.4302
E: 1,659,727.1392
#4 BAR W/ PEC CP CAP @ NW CORNER 9TH STREET AND HILLSIDE AVENUE.
1. 10.5' E TO W CURB HILLSIDE AVENUE
2. 16.0' S TO N CURB 9TH STREET
3. 9.0' W TO SE CORNER CONCRETE PAD SIGNAL BASE

CP-103
N: 1,691,142.1775
E: 1,659,103.5350
#4 BAR W/ PEC CP CAP @ SW CORNER 9TH AND CHAUTAUQUA.
1. 3.5' E TO W CURB OF CHAUTAUQUA AVENUE
2. 15.0' N TO S CURB 9TH STREET
3. 9.5' SW TO WATER VALVE IN SIDEWALK

VERTICAL DATUM:

NAVD 88 DATUM

BM-201
SQUARE CUT AT SPLIT FOR REDBUD TRAIL 4± SE OF GUARD POST
22± W OF HILLSIDE AVENUE
EL= 1341.82

BM-202
SQUARE CUT TOP CURB MID POINT OF CURVE AT SW CORNER 9TH STREET AND CHAUTAUQUA AVENUE
EL= 1325.14

FEMA MAPPING

FIRM NO. 20173C0358G, EFFECTIVE DATE DECEMBER 22, 2016

FIS NO. 20173C000C, EFFECTIVE DATE DECEMBER 22, 2016.

POLITICAL JURISDICTION, CITY OF WICHITA, NO 200328

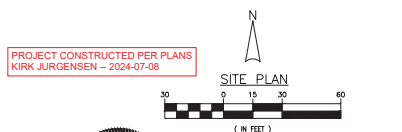
BY GRAPHIC PLOTTING ONLY, THE SITE IS LOCATED WITHIN THE FOLLOWING FLOOD ZONES PER THE AFORESAIDED FIRM PANEL:

- REGULATORY FLOODWAY
- ZONE AE: SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD B.F.E. 1328
- ZONE X: 0.2% ANNUAL CHANCE FLOOD HAZARD

NOTE: THIS STATEMENT IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND SHALL IN NO WAY CONSTITUTE A BASIS FOR FLOOD CERTIFICATE. NO FIELD WORK WAS PERFORMED FOR THE EXPLICIT PURPOSE OF ESTABLISHING FLOOD ZONE BOUNDARIES. THE INFORMATION PROVIDED HEREON WAS DERIVED BY A VISUAL COMPARISON BETWEEN DIGITAL FEMA MAPS AND SURVEY BOUNDARY DATA.

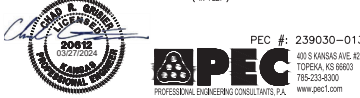
SURVEY PERFORMED BY PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 316-262-2691

FIELD WORK PERFORMED: 7/18/2023



COORDINATE LIST

POINT #	NORTHING	EASTING
1	1,691,123.36	1,659,156.55
2	1,691,136.67	1,659,721.37
3	1,690,949.81	1,659,724.14
4	1,690,884.25	1,659,595.11
5	1,690,820.13	1,659,446.85
6	1,690,675.99	1,659,163.19
7	1,690,813.40	1,659,161.15
8	1,690,816.93	1,659,311.10
9	1,691,006.91	1,659,308.28
10	1,691,003.38	1,659,158.33



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DRAWN BY: KRH - PEC DATE: 03/2024

DESIGNED BY: CRG - PEC DATE: 03/2024

APPROVED BY: AMD - PEC DATE: 03/2024

SCALE: AS NOTED

REV. NO.: XXXXX



TITLE: MOSSMAN SUBSTATION PPS INFRASTRUCTURE PERMIT SITE PLAN

GROUP: ESUB

DWG. NO.: SK9320_S108

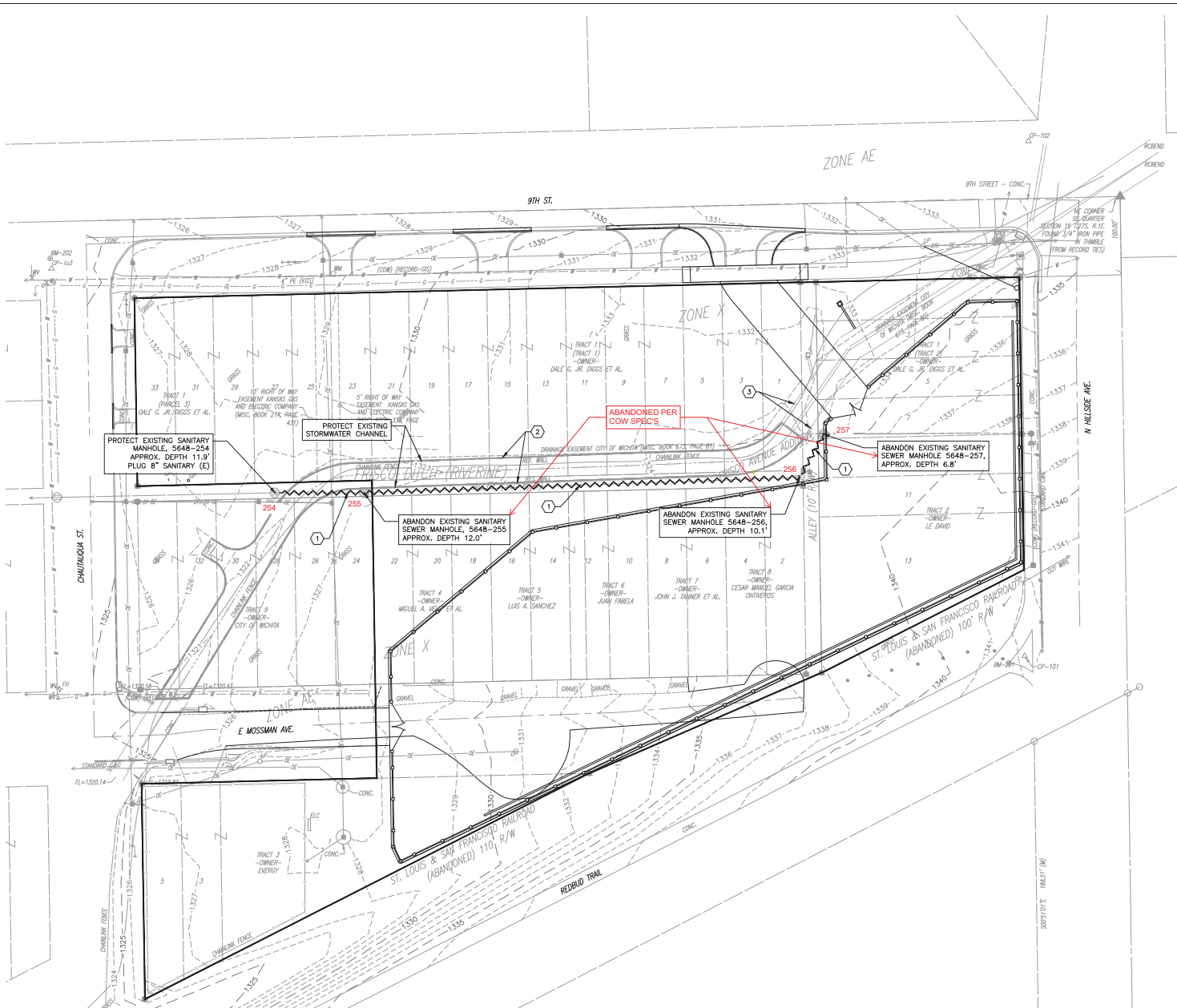
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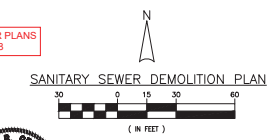
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SANITARY SEWER DEMOLITION NOTES

- ① ABANDON 8" SANITARY SEWER PIPE AND STRUCTURES TO LIMITS SHOWN. REMOVE INFRASTRUCTURE TO LIMITS OF CONFLICT WITH PROPOSED IMPROVEMENTS. CONTRACTOR SHALL COMPLY WITH CITY OF WICHITA STANDARDS FOR UTILITY ABANDONMENT AND REMOVAL.
- ② CAUTION!!! PROTECT EXISTING STORMWATER CHANNEL, INCLUDING WALLS AND FENCING. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY DAMAGE AT THEIR OWN EXPENSE.
- ③ CAUTION!!! PROTECT EXISTING BURIED STORMWATER STRUCTURE, DRAINAGE EASEMENT SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY DAMAGE AT THEIR OWN EXPENSE.



PROJECT CONSTRUCTED PER PLANS
KIRK JURGENSEN - 2024-07-08



PEC #: 239030-013
403 S KANSAS AVE. ROOM 1000
TOPEKA, KS 66603
785-233-8300
www.pec1.com

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5				1			

DRAWN BY: KRH - PEC DATE: 03/2024
 DESIGNED BY: CRG - PEC DATE: 03/2024
 APPROVED BY: AMD - PEC DATE: 03/2024

SCALE: AS NOTED
 R/R. NO.: XXXXX



TITLE: MOSSMAN SUBSTATION
 PPS INFRASTRUCTURE PERMIT
 SANITARY SEWER DEMOLITION PLAN

DWG. NO.: SK9320_S108
 SHEET NO.: 03 OF 08 0

GROUP: ESUB

CAD FILE NO.: SK9320_S10803.DWG

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