

PRIVATE SANITARY SEWER
TO SERVE

AS-BUILT PLANS

SOUTH CENTRAL KS REGIONAL PSYCHIATRIC HOSPITAL

W. MACARTHUR ROAD,
WICHITA, KS 67217
THE CITY OF WICHITA, KANSAS
PAUL GUNZELMAN, P.E. - CITY ENGINEER
PROJECT NUMBER 2024-035610PPS
ORG CODE 53030982

GENERAL NOTES

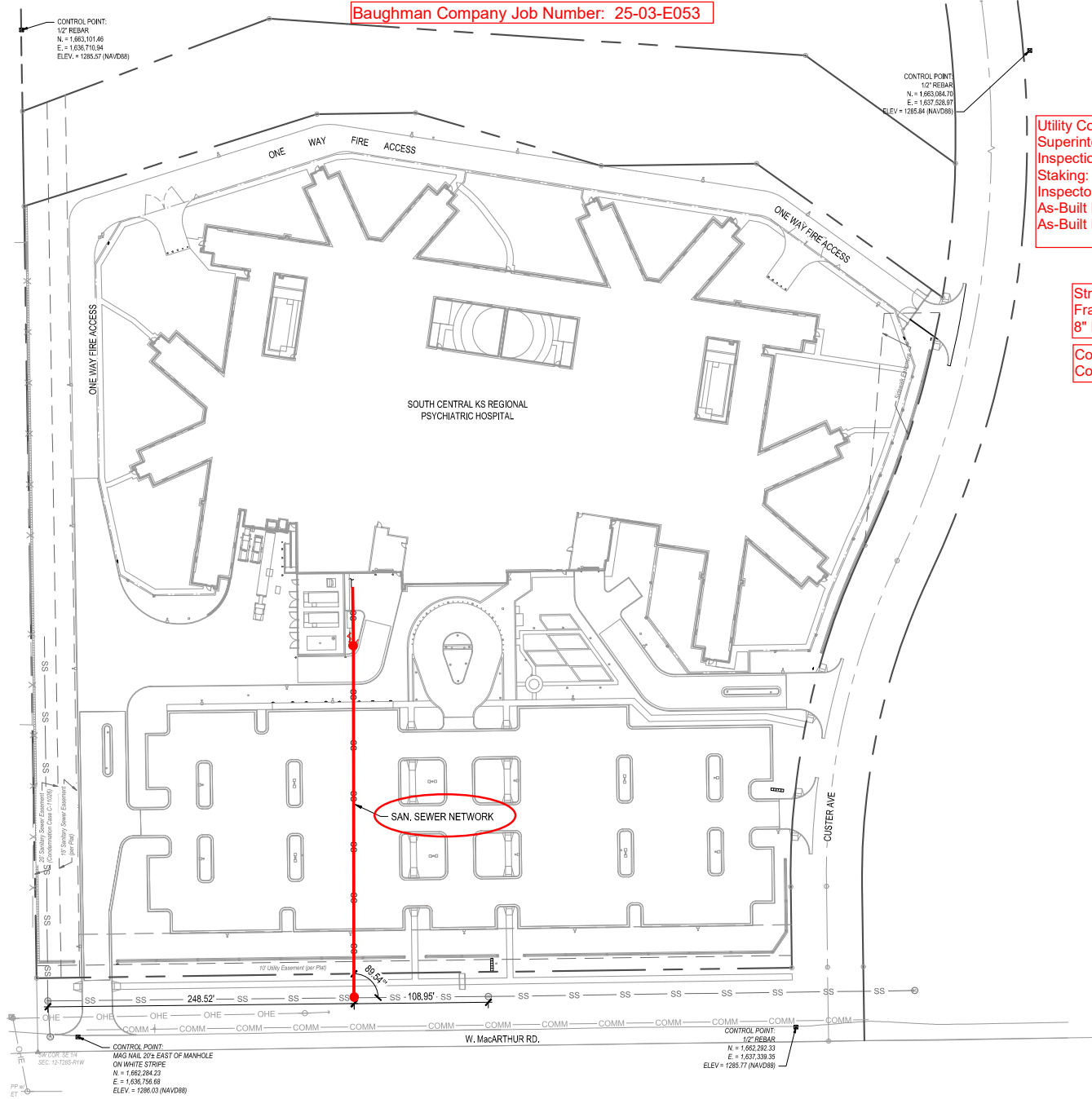
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- CONTRACTOR WILL BE REQUIRED TO PROVIDE NOTICE TO UTILITY COMPANIES A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY EXCAVATION, AS FOLLOWS:

KANSAS ONE-CALL 1-316-687-2470

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

AT&T 1-800-248-8464
BLACK HILLS ENERGY 1-800-694-8989
CITY OF WICHITA WATER & SEWER 1-316-219-8921
CITY OF WICHITA STORMWATER 1-316-268-4498
CITY OF WICHITA TRAFFIC 1-316-268-4501
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 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 ARCHEOLOGICAL 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 REESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE REESTABLISHED 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 316-650-0740 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 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, 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.
- ALL APPLICABLE FEES (TAP, EQUITY, IN LIEU OF A MAIN BENEFIT) MUST BE PAID BEFORE ANY CONNECTIONS CAN BE MADE ON THIS PROJECT. QUOTES CAN BE OBTAINED ON FEES BY CALLING CHRIS STONE AT 316-268-4641.
- CITY MAINTENANCE OF SANITARY SEWER MAINS ENDS AT LAST STRUCTURE WITHIN THE EASEMENT OR RIGHT-OF-WAY.
- 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 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 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 (316-268-4073) 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.
- FOLLOW THE LINK BELOW FOR CONSTRUCTION DETAILS ON SPECIFIC CITY OF WICHITA STANDARD DETAILS:
<https://www.wichita.gov/1618/Construction-Details>
- SEE SHEET CU533, "TRENCH COMPACTION UNDER EXISTING AND PROPOSED CITY ROADS "FOR TRENCH COMPACTION UNDER PAVEMENT".



CONTROL POINTS

CONTROL POINT:
1/2" REBAR
ELEV=1285.57 (NAVD88)
NORTHING: 1,663,101.46, EASTING: 1,636,716.94

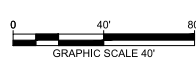
CONTROL POINT:
1/2" REBAR
ELEV=1285.84 (NAVD88)
NORTHING: 1,663,084.70, EASTING: 1,637,568.37

CONTROL POINT 313:
CONCRETE POUR
ELEV: 1285.52
N: 1,662,593.48
E: 1,637,326.95

CONTROL POINT 315:
CONCRETE POUR
ELEV: 1284.71
N: 1,662,644.03
E: 1,636,816.04

CONTROL POINT:
MAG NAIL 28" EAST OF MANHOLE ON
WHITE STRIPE
ELEV. 1286.03 (NAVD88)
NORTHING: 1,662,284.23 EASTING: 1,636,756.68

CONTROL POINT:
1/2" REBAR
ELEV. 1285.77 (NAVD88)
NORTHING: 1,662,292.33, EASTING: 1,637,339.35



SITE

Utility Contractor: McCullough Excavation
Superintendent: Rob Gray
Inspection: Baughman Company
Staking: Baughman Company
Inspector: Jeff Priddle
As-Built Plans: Larry Powell & Jeff Priddle
As-Built Plans Date: December 17, 2025

Vicinity Map

Structures = Wichita Concrete Pipe
Frames + Lids + Grates = Deeter
8" PVC Pipe = Northern Pipe

Construction Began 25 March 2025
Construction Ended 15 May 2025

INDEX OF DRAWINGS

SHEET NO.	SHEET NAME
CU120	PPW COVER SHEET
CU220	SANITARY SEWER PLAN & PROFILE
CU520	SANITARY SEWER DETAILS
CU521	SANITARY SEWER DETAILS
CU533	WATER DETAILS
GS001	SITE SURVEY

* SEE GENERAL NOTE #24 FOR CITY OF WICHITA STANDARD BMP LINK
* SEE GENERAL NOTE #25 FOR TRENCH COMPACTION UNDER PAVEMENT

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS
ENGINEERING DIVISION

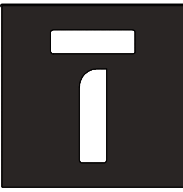
Engineering SHAWN MELLIES, 2025-02-05

Utilities SCOTT MACEY, 2025-02-05

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 the City Engineer. 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.



TESSERE

All work herein is the exclusive property of TESSERE and is not to be copied or used in any way without the express written consent of TESSERE. All drawings, specifications, ideas, designs, and arrangements appearing herein constitute the original and unpublished Work of © 2024 TESSERE



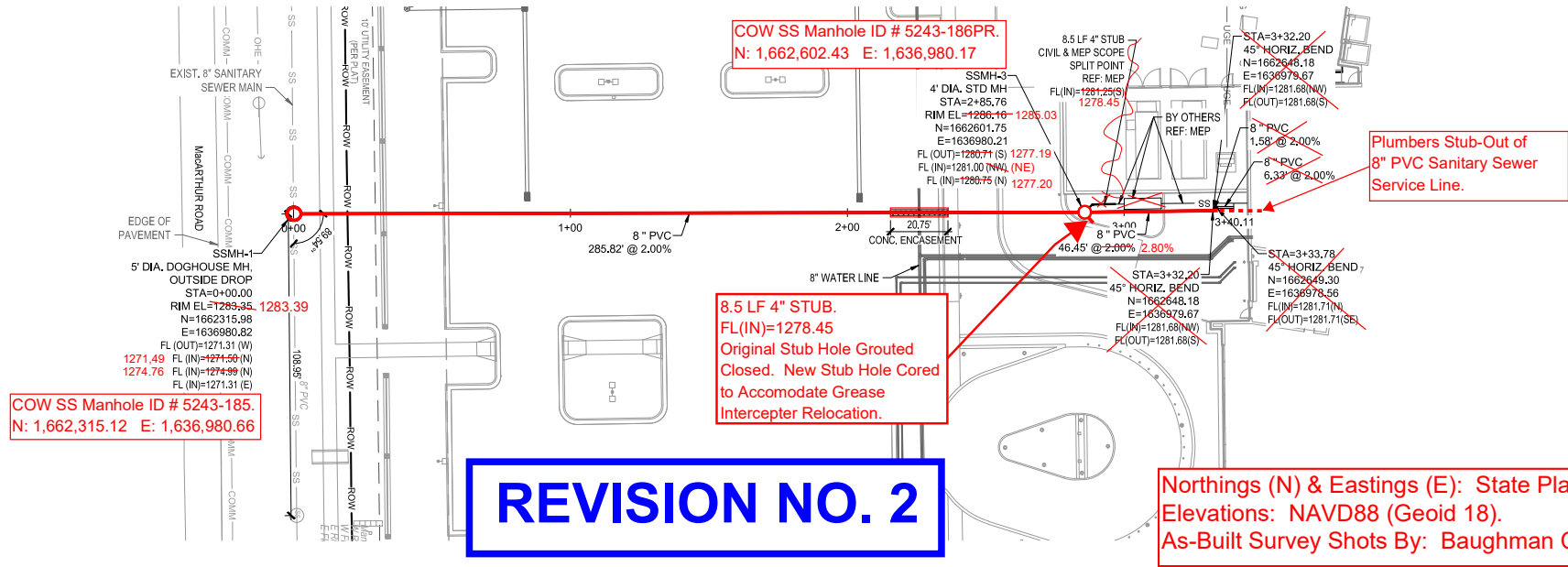
SOUTH CENTRAL KS REGIONAL
PSYCHIATRIC HOSPITAL

SEDGWICK COUNTY
3901 SOUTH CUSTER AVENUE, WICHITA, KS 67217

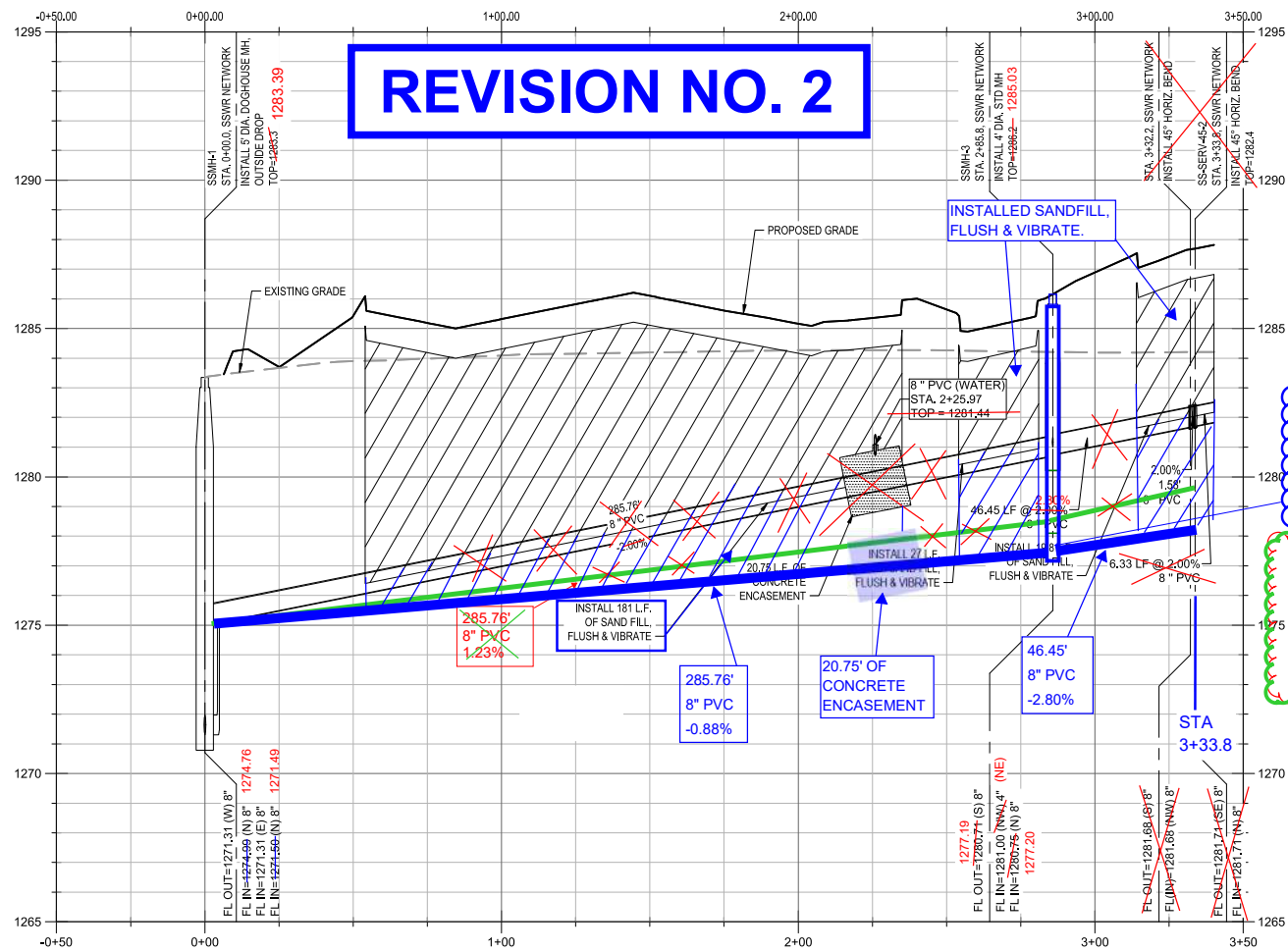
PPS COVER
SHEET

CU120

PLOT DATE: 2/5/2025 11:45 AM
FILE PATH: \\sagimvllp04\Projects\18170R24001\06-Site Development\4. Site Production\6. Sheetlog, Public Packages\PPS



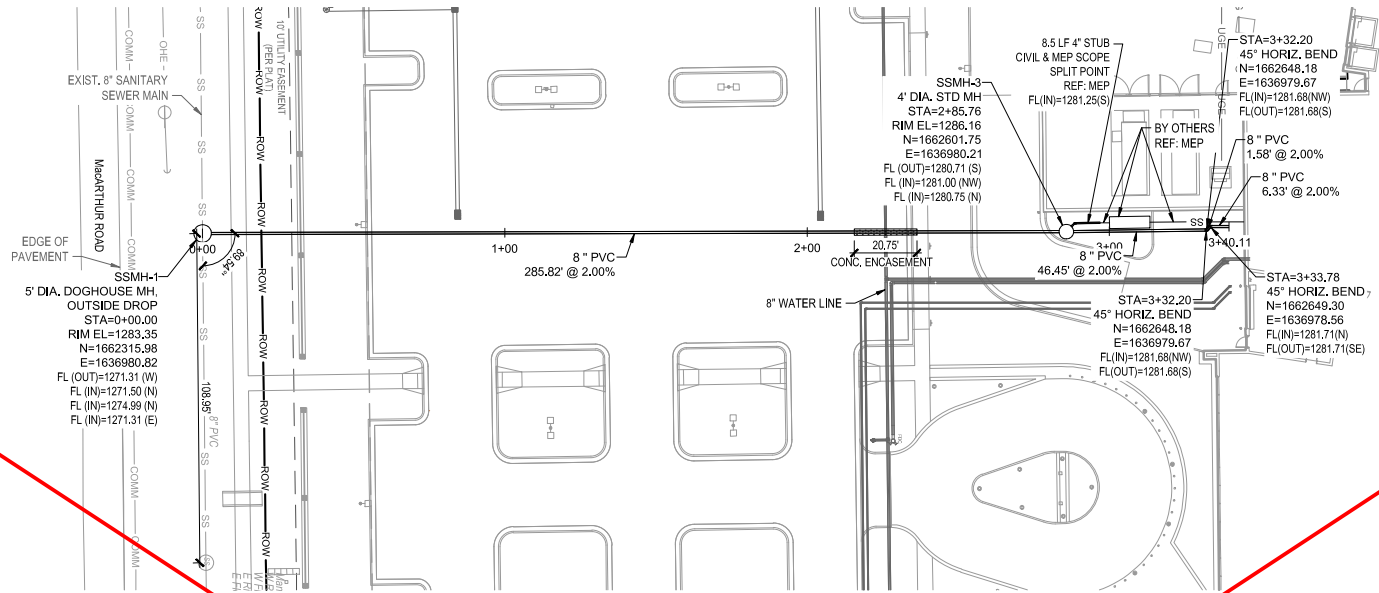
1 SANITARY SEWER NETWORK PLAN



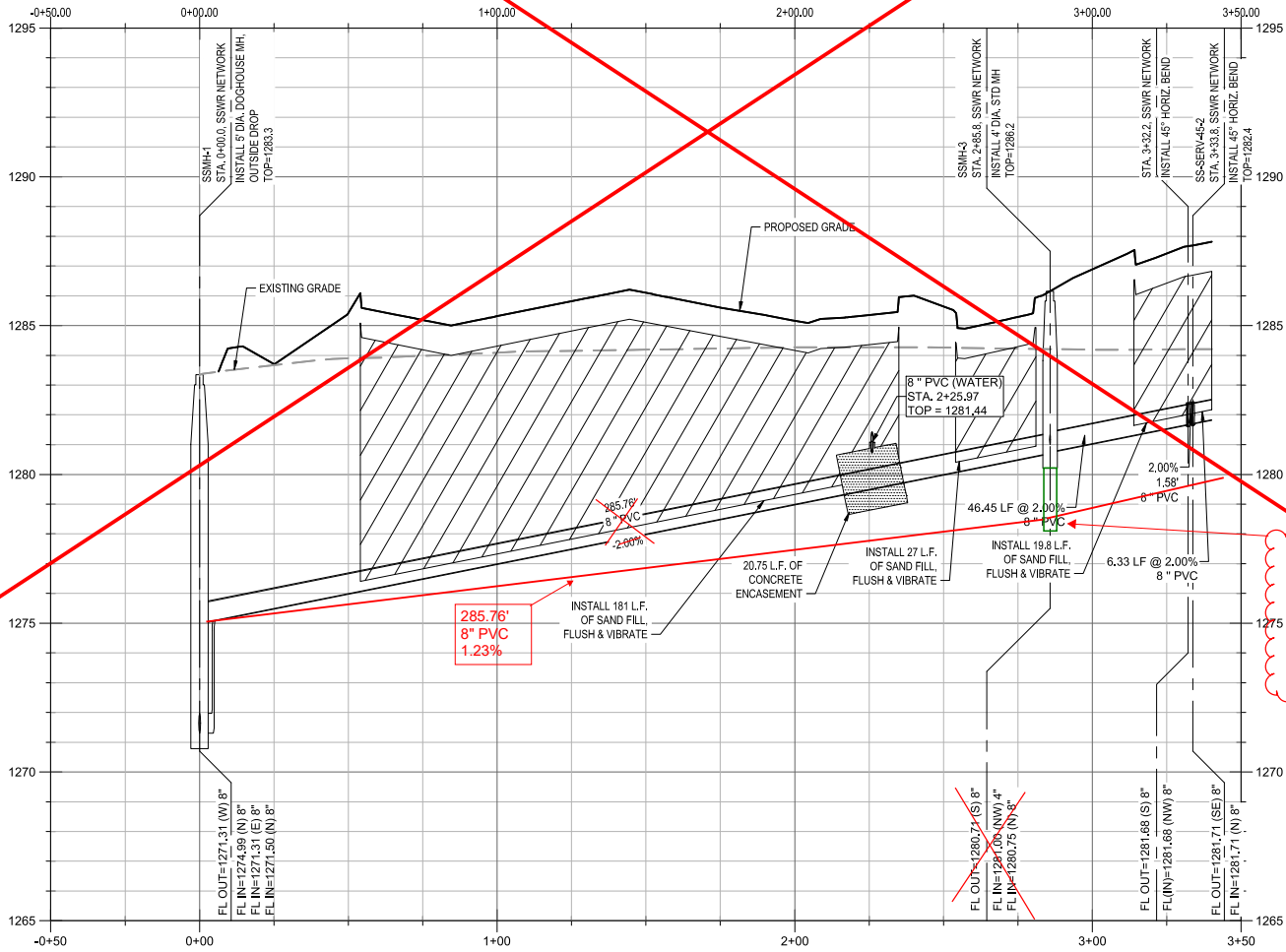
2 SANITARY SEWER NETWORK PROFILE

SCALE: HORIZONTAL: 1" = 30', VERTICAL: 1" = 3'

PLOT DATE: 2/5/2025 11:45 AM
FILE PATH: \\sagimv\filep04\Projects\18170R24001\06-Site Development\4. Site Production\Sheeting, Public Packages\PPS



1 SANITARY SEWER NETWORK PLAN



2 SANITARY SEWER NETWORK PROFILE

SCALE: HORIZONTAL: 1" = 30', VERTICAL: 1" = 3'

REVISION NO. 1

FL Out = 1278.5 (S) 8"
FL In = 1278.79 (NW) 4"
FL In = 1278.54 (N) 8"



TESSERE

All work herein is the exclusive property of TESSERE and is not to be copied or used in any way without the express written consent of TESSERE. All drawings, specifications, ideas, designs, and arrangements appearing herein constitute the original and unpublished work of: © 2024 TESSERE



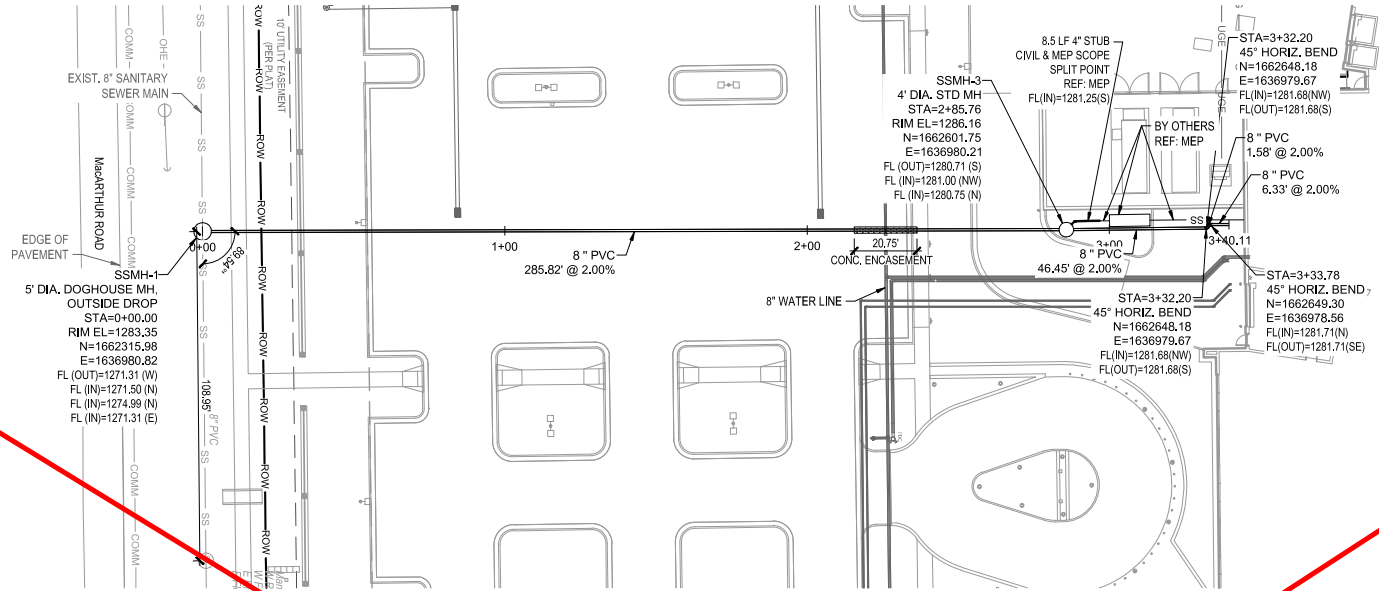
SOUTH CENTRAL KS REGIONAL
PSYCHIATRIC HOSPITAL
SEDGWICK COUNTY
3901 SOUTH CUSTER AVENUE, WICHITA, KS 67217

ASI 04	02/14/2025
PROJECT NO:	18170R24001
STATUS:	PERMIT DOCUMENTS
DATE:	02/05/2025
DRAWN BY:	MTK
CHECKED BY:	KLH

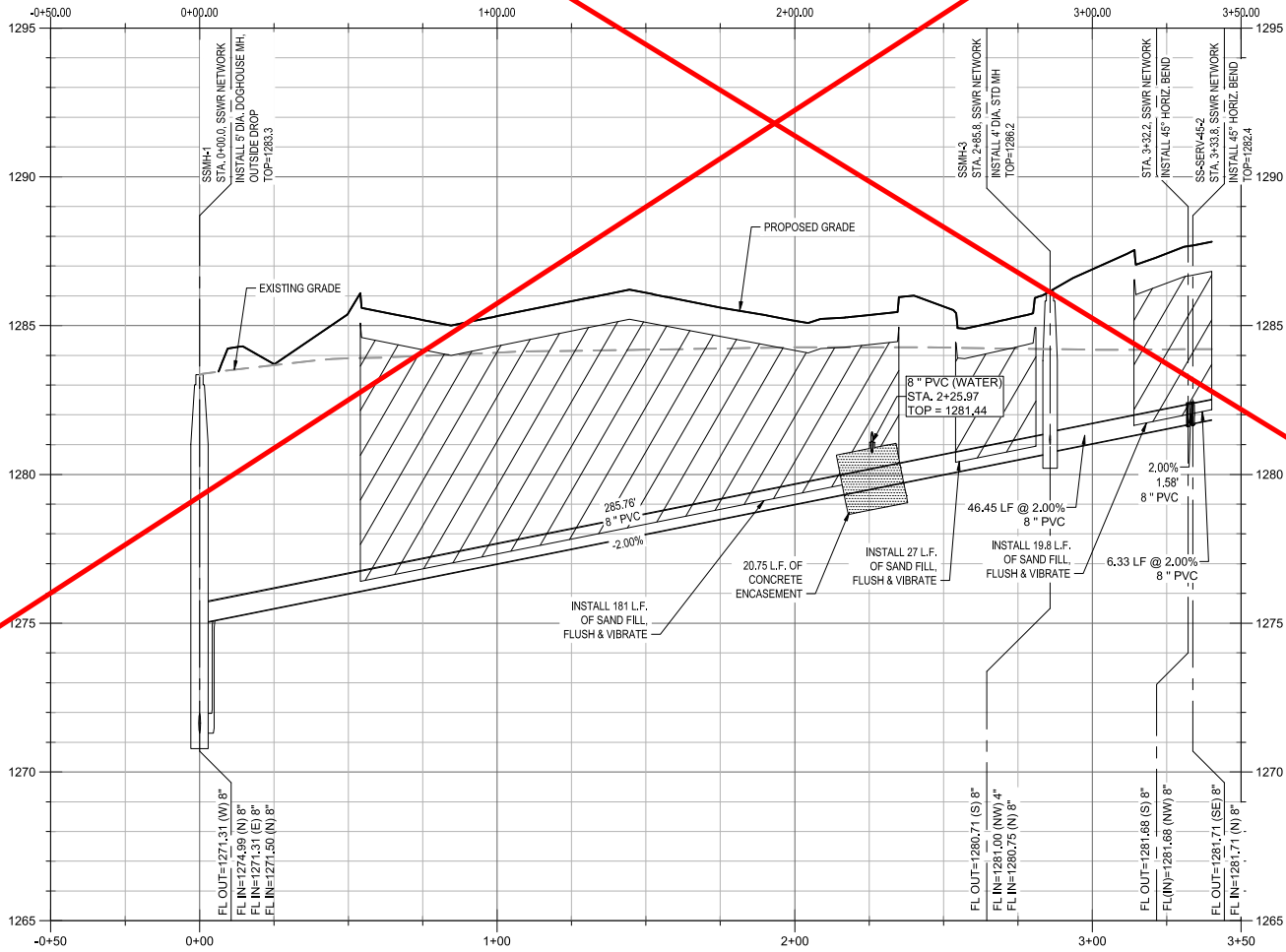
SANITARY SEWER
PLAN & PROFILE

CU220

PLOT DATE: 2/5/2025 11:45 AM
FILE PATH: \\sagm\filep04\Projects\18170R24001\06-Site Development\4. Site Production\Sheeting, Public Packages\PPS



1 **SANITARY SEWER NETWORK PLAN**



2 **SANITARY SEWER NETWORK PROFILE**
SCALE: HORIZONTAL: 1" = 30', VERTICAL: 1" = 3'

INITAL PLAN



TESSERE
www.tessere.com
All work herein is the exclusive property of TESSERE and is not to be copied or used in any way without the express written consent of TESSERE. All drawings, specifications, ideas, designs, and arrangements appearing herein constitute the original and unpublished work of:
© 2024 TESSERE



**SOUTH CENTRAL KS REGIONAL
PSYCHIATRIC HOSPITAL**
SEDGWICK COUNTY
3901 SOUTH CUSTER AVENUE, WICHITA, KS 67217

ASI 04	02/14/2025
PROJECT NO:	18170R24001
STATUS:	PERMIT DOCUMENTS
DATE:	02/05/2025
DRAWN BY:	MTK
CHECKED BY:	KLH

**SANITARY SEWER
PLAN & PROFILE**

CU220