

CONSTRUCTION PLANS FOR SANITARY SEWER IMPROVEMENTS

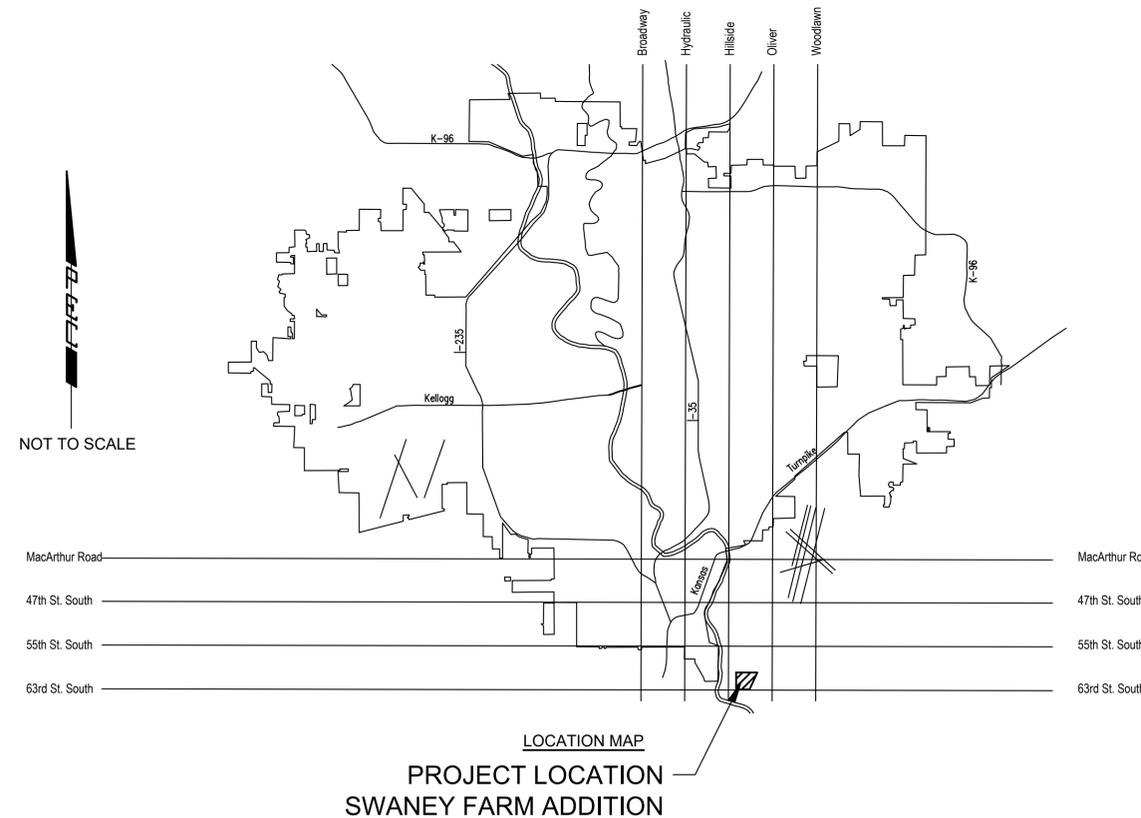
TO SERVE

SWANEY FARM ADDITION - PHASE 2

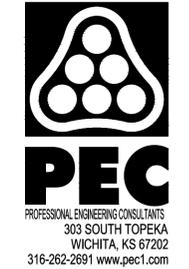
CITY OF WICHITA ENGINEERING PROJECT NO. 468-2024-007801
ORG CODE: 47274925, MUNIS NO.: E5132

CITY OF WICHITA, KS
PAUL GUNZELMAN, P.E. - CITY ENGINEER

DEVELOPER CONTACT
MR. ERIC GILBERT
ARTISTIC BUILDERS
11100 FREMONT CIRCLE
MULVANE, KS 67110
316-650-7536
EMGILBERT13@GMAIL.COM



SHEET NUMBER	SHEET TITLE
01	TITLE SHEET
02	GENERAL NOTES
03	PLAT BUBBLE MAP
04	SANITARY SEWER KEY MAP
05 - 07	SANITARY SEWER LINE NO. 1
08 - 09	SANITARY SEWER LINE NO. 2
10	SANITARY SEWER LINE NO. 3
11 - 12	SANITARY SEWER LINE NO. 4
13	SANITARY SEWER LINE NO. 5
14 - 15	SANITARY SEWER LINE NO. 6
16	SANITARY SEWER LINE NO. 7
17	PRECAST SANITARY SEWER MANHOLE MANHOLE FRAME AND COVER (SS)
18	VERTICAL RISER ASSEMBLY SEWER DETAILS
19	CLEANOUT RISER ASSEMBLY DETAILS
20	EROSION CONTROL PLAN
21	EROSION CONTROL DETAILS
22 - 26	



SANITARY SEWER IMPROVEMENTS
**SWANEY FARM ADDITION
PHASE 2**
 PAUL GUNZELMAN CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2024-007801

Issue:		
JOB NO.	200605-010	
DATE	NOVEMBER 2025	
PM	KPG	
DESIGNED BY	KPG	
DRAWN BY	BJS	
CHECKED BY	CSB	

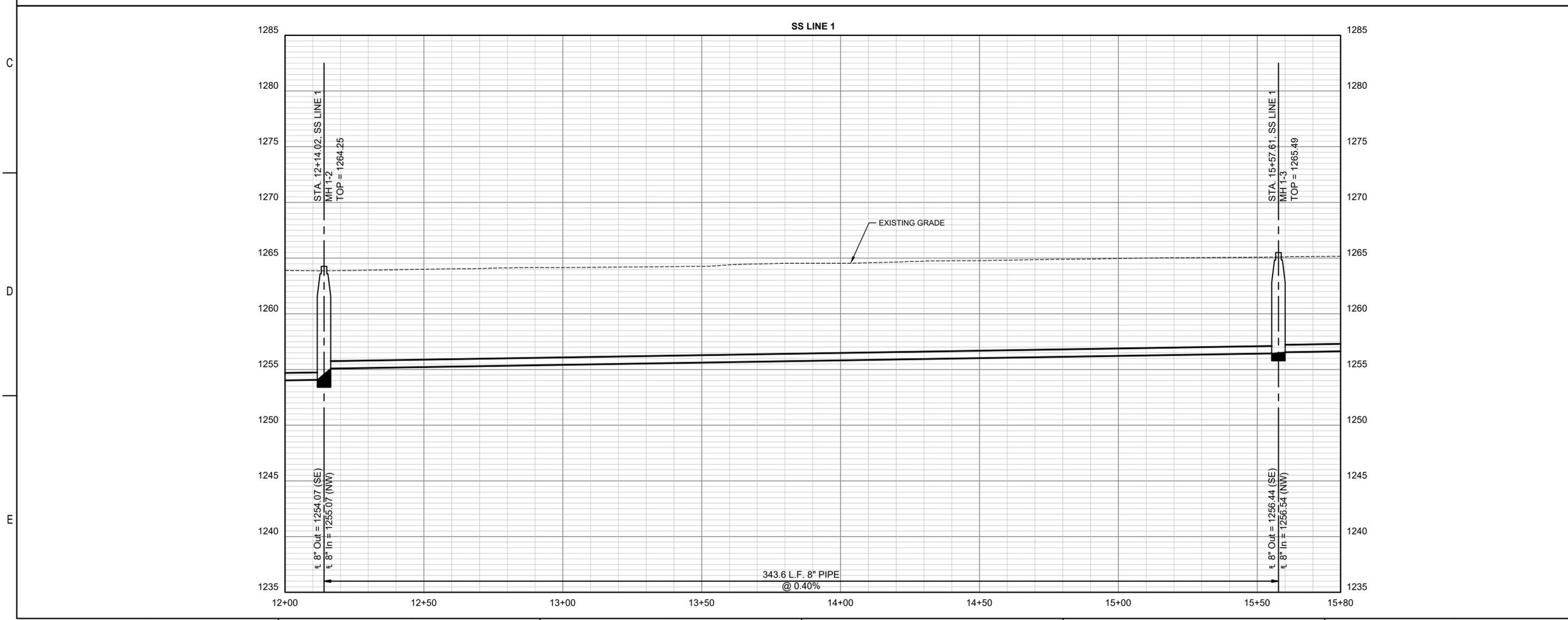
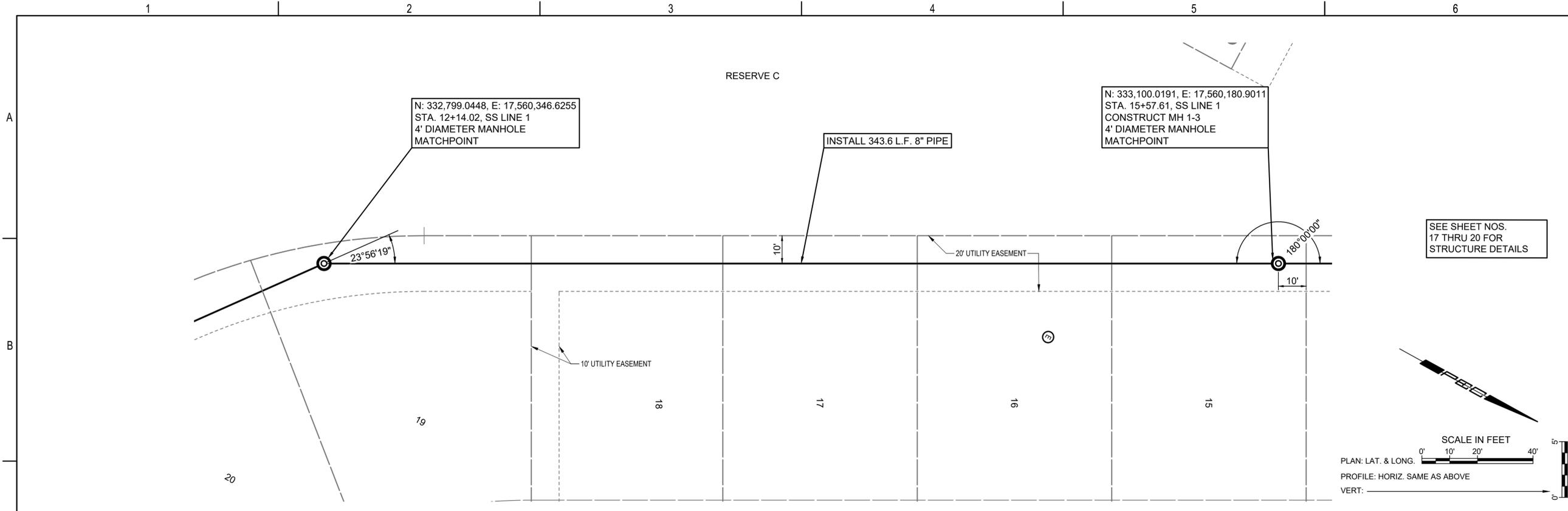
TITLE SHEET

01
01 OF 26

NOVEMBER 2025

SAVED 9/22/2025 11:30:43 AM BY KEVIN.GRAHAM
 PLOTTED 11/6/2025 11:46:24 AM BY KEVIN.GRAHAM
 U:\WICHITA-CIVIL\2020\200605010\0912PP4_PLANS\030\SAN SEWER\1-200605-010-CU001 TITLE SHEET.DWG

SAVED 8/1/2025 9:10:39 AM BY BILL SEXSON
 PLOTTED 11/6/2025 11:47:49 AM BY KEVIN GRAHAM
 U:\WICHITA-CIVIL\2020\2006050109\2PD4_PLANS\030\SAN SEWER\6-200605-010-CU102 SANITARY SEWER LINE NO. 1.DWG



SANITARY SEWER
 IMPROVEMENTS

SWANEY FARM ADDITION
 PHASE 2

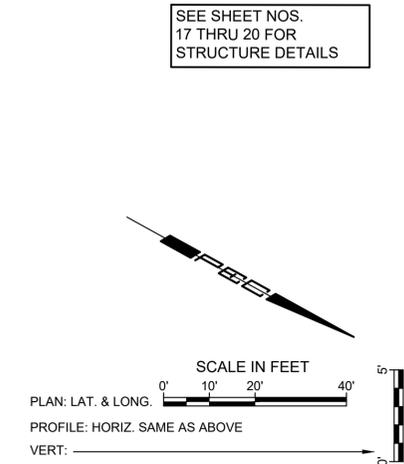
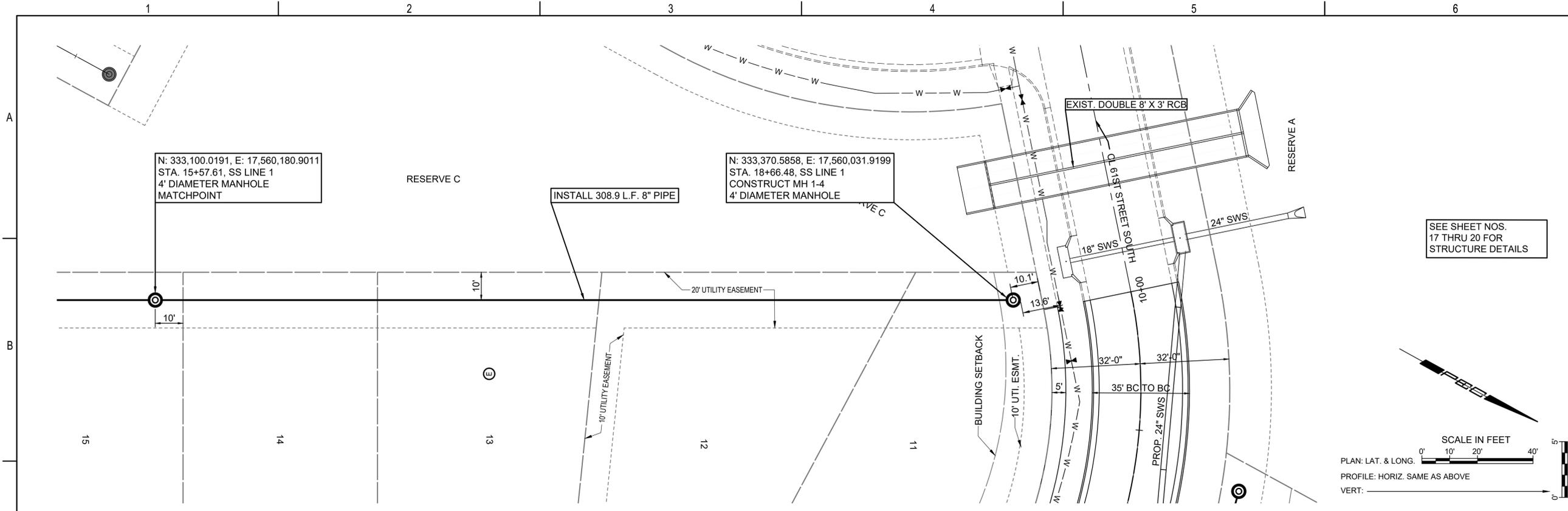
PAUL GUNZELMAN CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2024-007801

Issue:	

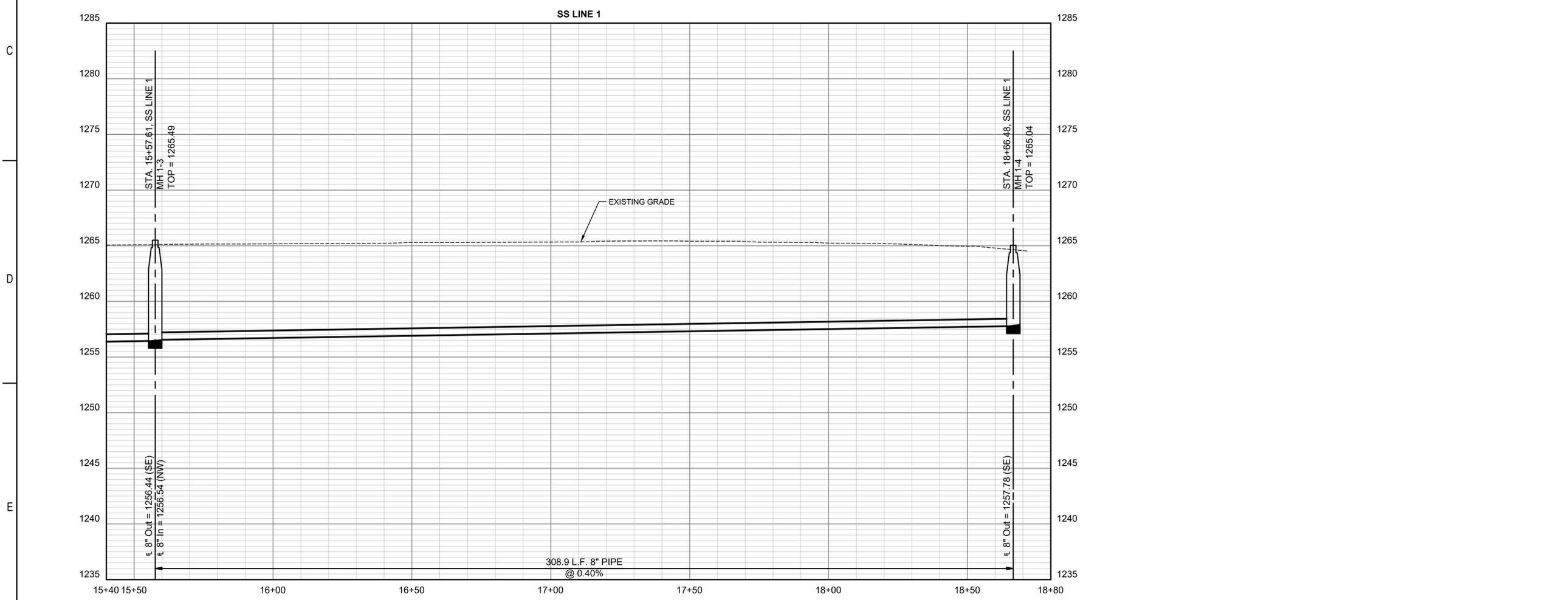
JOB NO.	200605-010
DATE	NOVEMBER 2025
PM	KPG
DESIGNED BY	KPG
DRAWN BY	BJS
CHECKED BY	CSB

SANITARY SEWER LINE NO. 1

SAVED 9/17/2025 9:19:41 AM BY KEVIN GRAHAM
 PLOTTED 11/6/2025 11:48:03 AM BY KEVIN GRAHAM
 U:\WICHITA-CIVIL\2020\2006050109\2PD4_PLANS\030\SAN SEWER\7-200605-010-CU103 SANITARY SEWER LINE NO. 1.DWG



SEE SHEET NOS.
17 THRU 20 FOR
STRUCTURE DETAILS



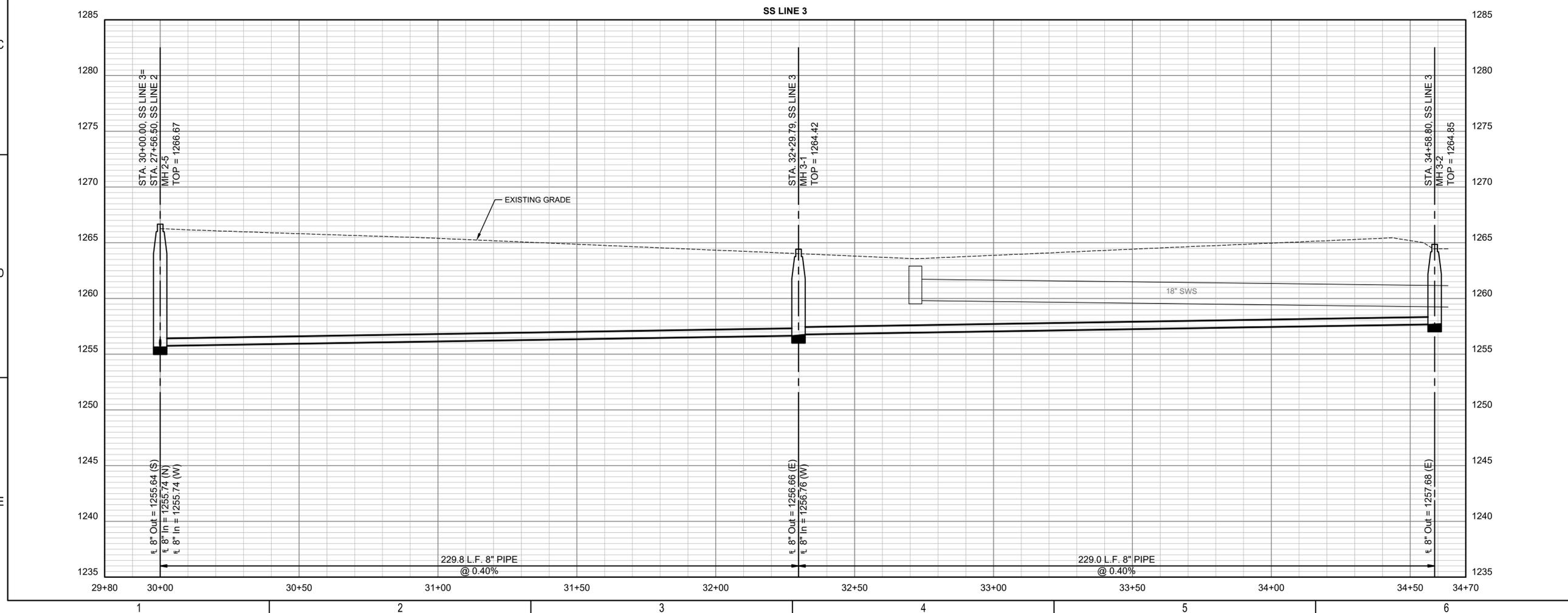
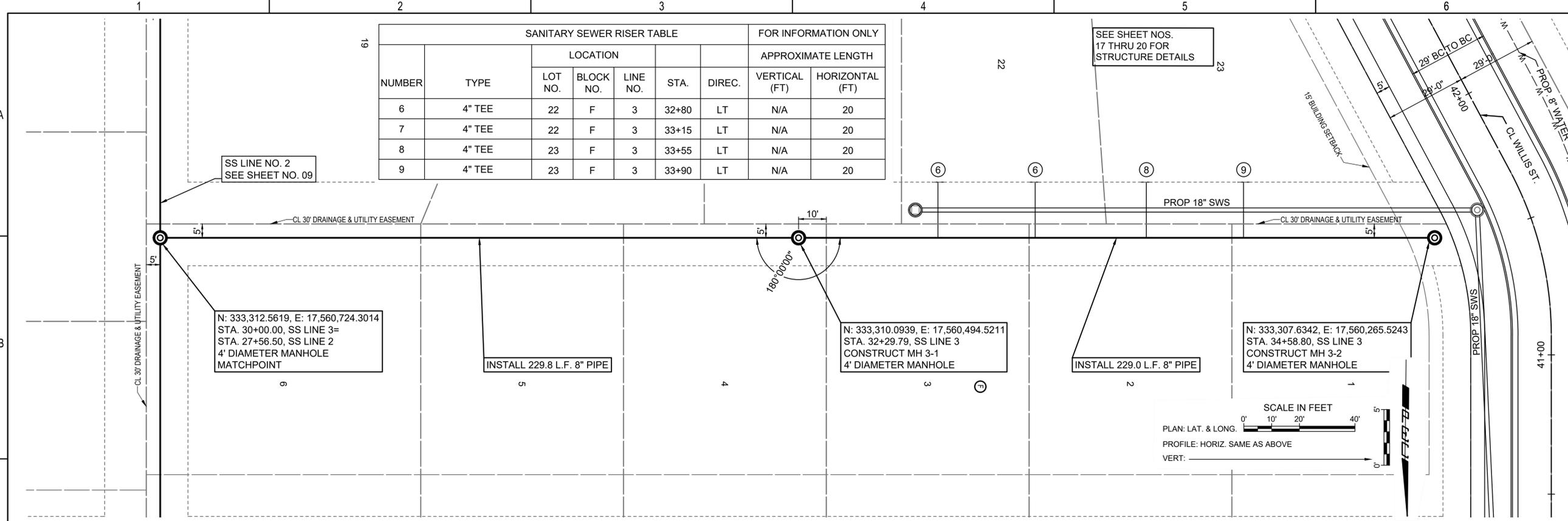
SANITARY SEWER IMPROVEMENTS
SWANEY FARM ADDITION PHASE 2
 PAUL GUNZELMAN CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2024-007801

Issue:		

JOB NO.	200605-010
DATE	NOVEMBER 2025
PM	KPG
DESIGNED BY	KPG
DRAWN BY	BJS
CHECKED BY	CSB

SANITARY SEWER LINE NO. 1

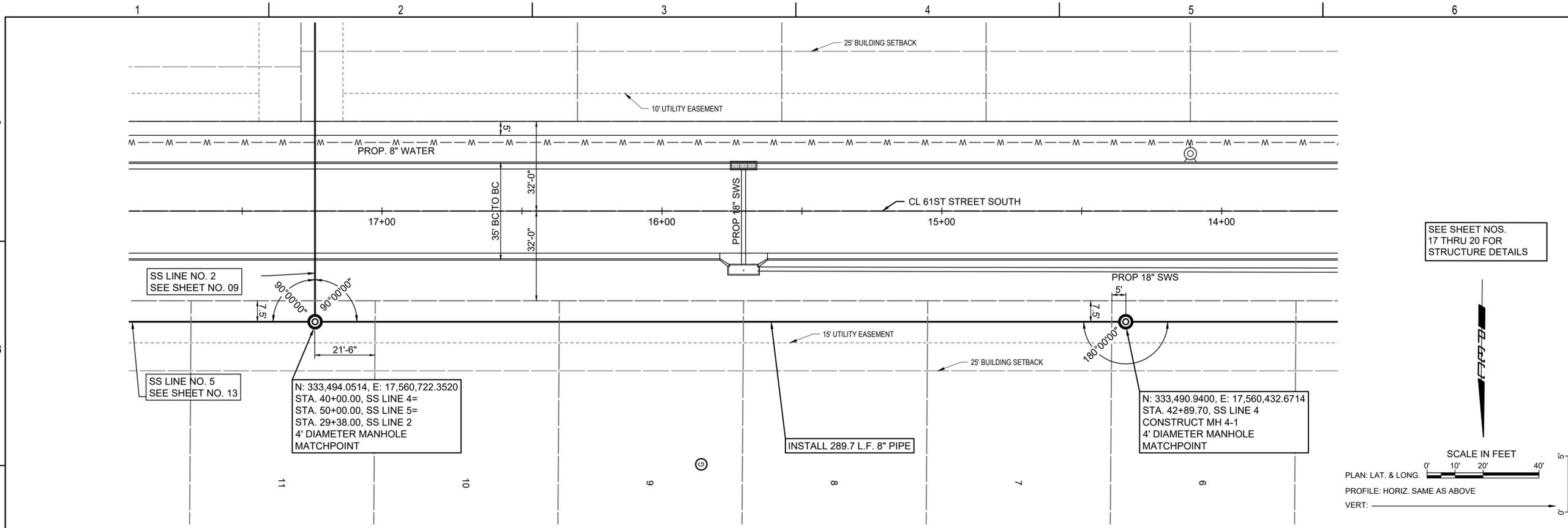
SAVED 9/17/2025 9:39:37 AM BY KEVIN GRAHAM
 PLOTTED 11/6/2025 12:21:13 PM BY KEVIN GRAHAM
 U:\WICHITA-CIVIL\2020\2006050109\2PD4_PLANS\030\SAN SEWER\10-200605-010-CU\106 SANITARY SEWER LINE NO. 3.DWG



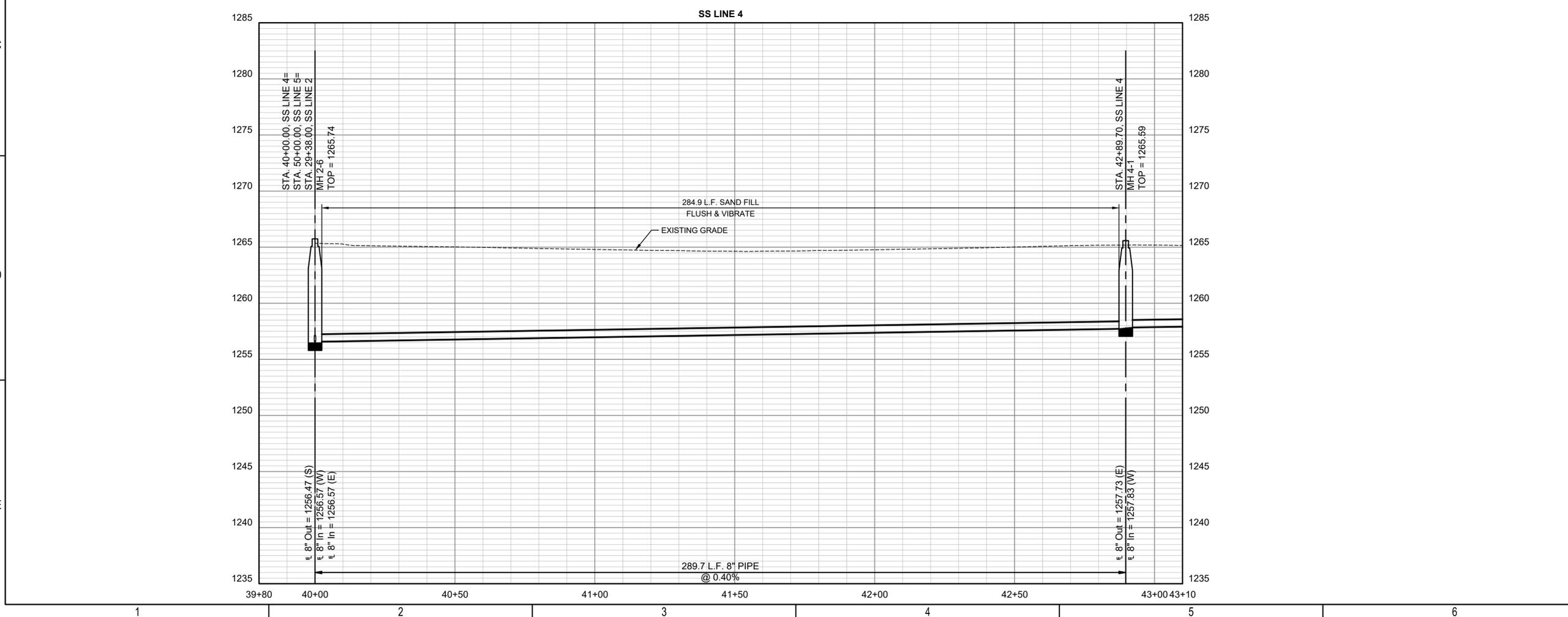
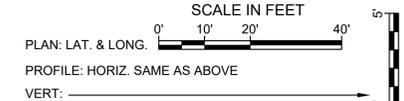
SANITARY SEWER IMPROVEMENTS
SWANEY FARM ADDITION PHASE 2
 PAUL GUNZELMAN CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2024-007801

Issue:	
JOB NO.	200605-010
DATE	NOVEMBER 2025
PM	KPG
DESIGNED BY	KPG
DRAWN BY	BJS
CHECKED BY	CSB
SANITARY SEWER LINE NO. 3	

SAVED 9/17/2025 11:06:20 AM BY KEVIN.GRAHAM
 PLOTTED 11/6/2025 11:49:07 AM BY KEVIN.GRAHAM
 U:\WICHITA-CIVIL\2020\2006050109\2PD4_PLANS\030\SAN SEWER\11-200605-010-CU\107 SANITARY SEWER LINE NO. 4.DWG



SEE SHEET NOS.
17 THRU 20 FOR
STRUCTURE DETAILS



SANITARY SEWER
IMPROVEMENTS
**SWANEY FARM ADDITION
PHASE 2**
 PAUL GUNZELMAN CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2024-007801

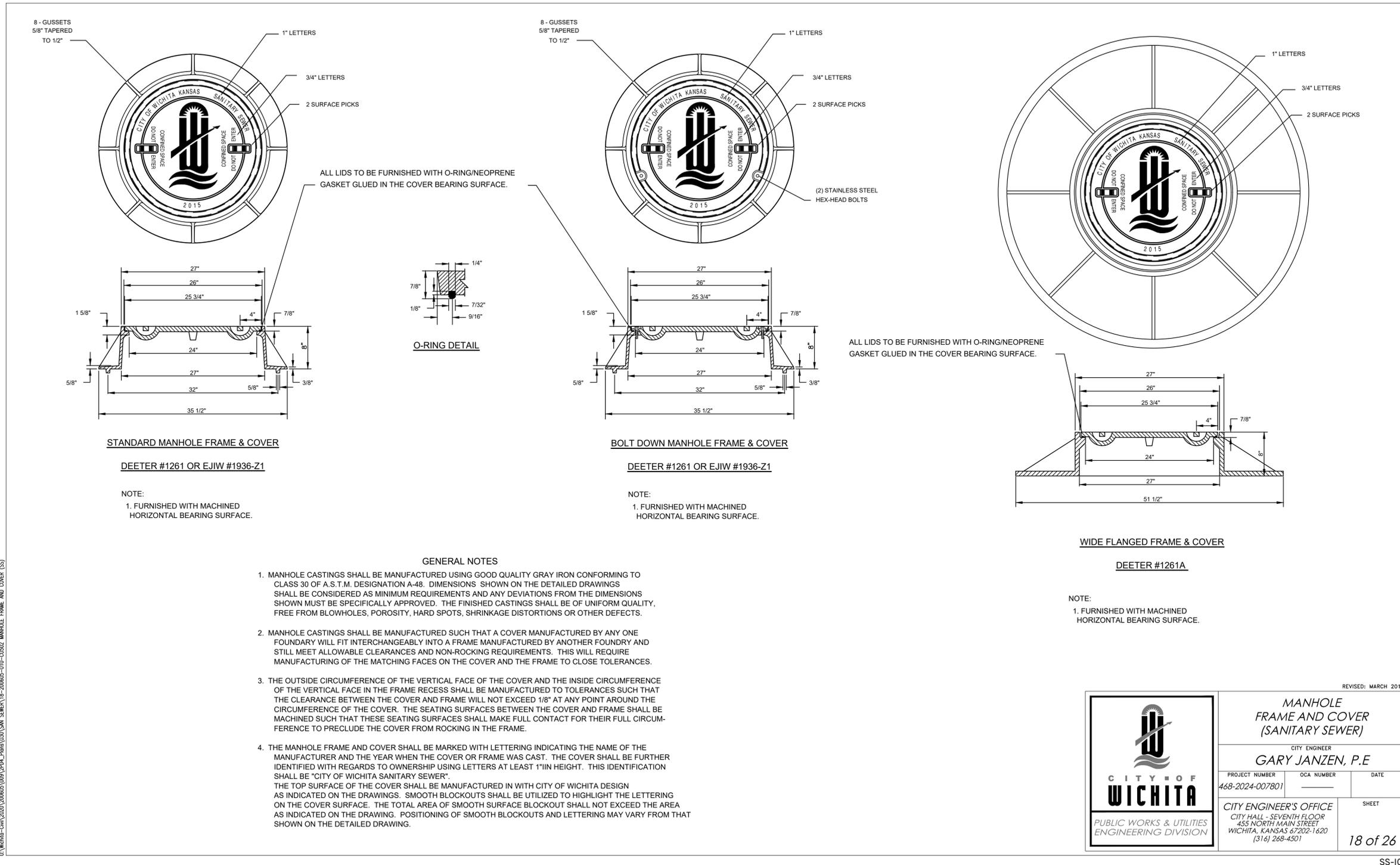
Issue:	

JOB NO.	200605-010
DATE	NOVEMBER 2025
PM	KPG
DESIGNED BY	KPG
DRAWN BY	BJS
CHECKED BY	CSB

SANITARY SEWER LINE NO. 4

SAVED 6/24/2025 10:39:50 AM BY BILL SEXSON
 PLOTTED 11/6/2025 11:50:34 AM BY KEVIN GRAHAM
 U:\WICHITA-CIVIL\2020\2006050109\2PD4_PLANS\0301SAN SEWER\18-200605-010-CU502 MANHOLE FRAME AND COVER (SS).DWG

Sheet 05-24-2025 10:29:50 AM BY BILL SEXSON
 Plot Scale 1:1 11-06-2025 11:50:34 AM BY KEVIN GRAHAM
 U:\Wichita-Civil\2020\200605\09\2PD4_PLANS\0301SAN SEWER\18-200605-010-CU502 MANHOLE FRAME AND COVER (SS)



REVISED: MARCH 2016

MANHOLE FRAME AND COVER (SANITARY SEWER)

CITY ENGINEER
GARY JANZEN, P.E.

PROJECT NUMBER 468-2024-007801	OCA NUMBER	DATE
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET 18 of 26

SS-102

PEC
 PROFESSIONAL ENGINEERING CONSULTANTS
 303 SOUTH TOPEKA
 WICHITA, KS 67202
 316-262-2691 www.pec1.com

CITY OF WICHITA

KEVIN B. GRAHAM
 LICENSED
 27806
 11/06/2025
 KANSAS
 PROFESSIONAL ENGINEER

SANITARY SEWER IMPROVEMENTS

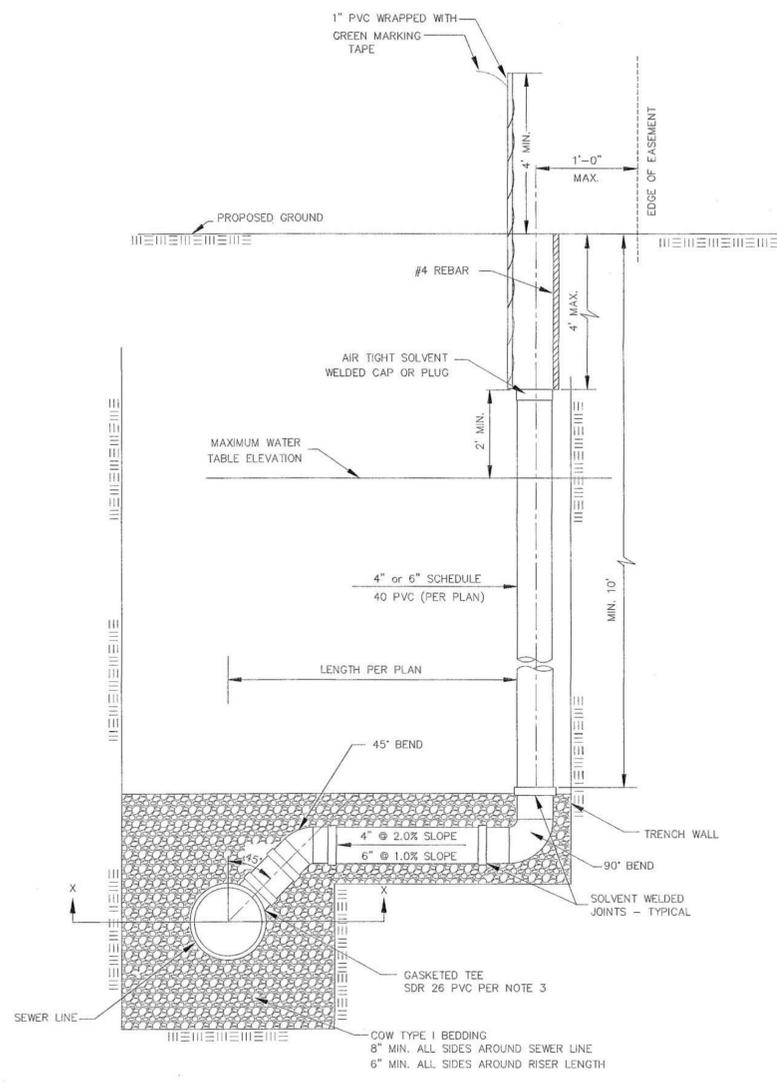
SWANEY FARM ADDITION PHASE 2

PAUL GUNZELMAN CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2024-007801

Issue:	
JOB NO.	200605-010
DATE	NOVEMBER 2025
PM	KPG
DESIGNED BY	KPG
DRAWN BY	BJS
CHECKED BY	CSB
MANHOLE FRAME AND COVER (SS)	
18	
18 OF 26	

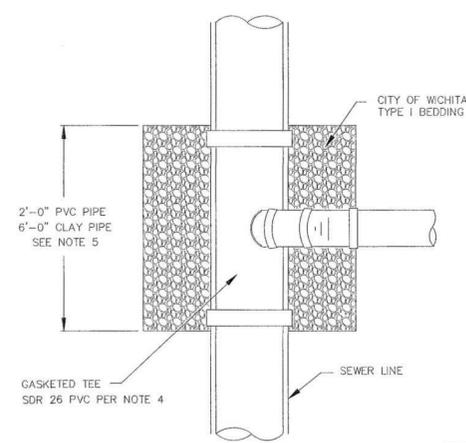
SAVED 6/24/2025 10:42:11 AM BY BILL SEXSON
 PLOTTED 11/6/2025 11:50:40 AM BY KEVIN GRAHAM
 U:\WICHITA-CIVIL\2020\200605\09\2PD4_PLANS\030\SAN SEWER\19-200605-010-CU503 VERTICAL RISER ASSEMBLY
 SEWER DETAILS.DWG

- GENERAL NOTES**
- APPLICATION.** Risers shall be installed to serve all lots or tracts where the sanitary sewer main is below the water table, where the sanitary sewer main depth is greater than 12' below the proposed ground elevation, where the main is adjacent to a pond or wherever service lines would have to cross under storm sewer pipe. Installation of risers because of field conditions shall be as approved by the City Engineer. The location of the risers to serve developed property shall be approved by the property owner and the Construction Engineer.
 - MANHOLE STUB RISERS.** Manhole stub risers be installed in manholes where locations of manholes will provide satisfactory service connection as determined by the Construction Engineer. The vertical distance between the flowline of the manhole stub and the flowline of the sanitary sewer line out of the manhole shall not exceed 2'. Risers shall be utilized at manholes as indicated in Note 1. Manhole stub riser shall be set such that the top of the stub is not lower than the top of the sanitary sewer line.
 - SIZING.** Risers shall be sized according to the plans and riser table where risers are indicated by the plans. Where risers are required because of field conditions, the risers shall be 6" diameter for commercial or industrial properties and 4" or 6" diameter for residential properties, based on lot size and sanitary sewer main depth. Sizing of risers shall be approved by the construction Engineer prior to installation.
 - RISER MATERIAL.** Risers shall be constructed of Schedule 40 PVC Pipe, meeting the requirement of the latest revision of A.S.T.M. All pipe joints shall be solvent welded. Full body tee shall be SDR 26 PVC pipe.
 - ROCK ENCASUREMENT.** Riser connection to clay pipe sanitary sewers shall be rock encased both ways from the riser centerline. The rock encasement shall extend three feet from the riser centerline or stop at the first sanitary sewer pipe joint within three feet of the riser centerline. Riser connections to PVC Sanitary sewer mains shall be rock encased one foot each way from the riser centerline. Crushed rock shall conform to ASTM C-33, Gradation No. 67, and shall meet all requirements for Portland Cement Concrete pavement Coarse Aggregate, Section 406.2, City of Wichita Standard Specifications.
 - BEDDING.** Beyond the limits of the rock encasement, bedding around the sanitary sewer riser shall be compacted Pipe Bedding Type 1 or 2. The bedding shall be placed and compacted from the depth of the sanitary sewer main to the top of the sanitary sewer riser pipe. Compacted Pipe Bedding Type 1 or 2 shall be required for all risers whether constructed in vertical wall or sloped wall trenches. Bedding material and construction practices shall be approved by the Construction Engineer prior to installation.
 - SUPPORT OF RISERS.** Sanitary sewer riser pipe shall be supported during trench backfill. The riser pipe shall be held in a vertical position at all times until trench backfill and compaction has been completed. Contractor's methods for supporting and back filling the riser pie shall be approved by the Construction Engineer.
 - PLUGGING.** The ends of the riser pipes and manhole stubs shall be plugged using an airtight solvent welded cap or plug. Cap or plug fittings shall be approved by the Construction Engineer prior to installation. Caps or plugs which do not provide an airtight seal will not be accepted.
 - TOP OF THE RISER PIPE.** The top elevation of the sanitary sewer riser pipe shall be built per plan elevations, unless otherwise directed by the Construction Engineer, where riser elevations are not shown on the plans, the top of the risers shall be set at an elevation four feet below the proposed ground surface. If ground water is encountered, the top of the riser pipe shall be set at an elevation 2' (min.) above the maximum water table elevation, regardless of the riser elevation shown on the plans.
 - MARKING.** Locations of the ends of the sanitary sewer riser pipe shall be marked by installing 1" PVC from the top of the riser to a minimum of 4' above the top of finished grade. No. 4 rebar shall be placed centered over the riser from the cap to the existing ground. The 1" PVC pipe shall be wrapped with green colored plastic tape, for the full length above ground surface. The green tape shall be 4 mil Polyethylene film with a minimum width of three inches, specifically manufactured for the purpose of identification of underground sewers.
 - LOCATION MEASURES.** The project inspector shall record and document the location of all risers constructed as measured from the nearest manhole, indicate the direction from the manhole, the direction and distance from the main, riser size, and elevation of the top of the riser in tabular format.
 - RISER LOCATION.** The riser shall be located per plan if shown. If not shown on the plan, the riser shall be located at the center of the lot, within one foot of the property side of the easement for the lot being served. All riser locations shall be approved by the Construction Engineer prior to installation.
 - PAYMENT.** "Riser Assembly, Vertical " shall be paid for at the contract unit price per each, which shall be full compensation for all pipe, fittings, marking tape, length of backfill, labor, site restoration, and any other items necessary to complete the work.
 "Riser Assembly, Manhole Stub" shall be paid for at the contract unit price per each, which shall be full compensation for all labor material and incidentals necessary to complete the work including all pipe, fittings, rock encasement, and all other items as required and listed for "Riser Assembly, Vertical "



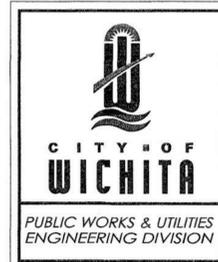
SANITARY SEWER RISER TABLE							FOR INFORMATION ONLY	
NUMBER	TYPE	LOCATION			DIRECTION	APPROXIMATE LENGTH		
		LOT NO.	BLOCK NO.	LINE NO.		VERTICAL (FT)	HORIZONTAL (FT)	
1	4" MANHOLE CONNECTION							
2	6" MANHOLE CONNECTION							
3	4" TEE							
4	6" TEE							

NOTE: TABLE FOR REFERENCE ONLY AND SHOULD BE ON EACH APPLICABLE PLAN SHEET.



NOTE:
NON SHEAR COUPLING TO BE USED WHEN HOOKING TO CLAY PIPE.

NOTE: RISER PIPE REQUIREMENTS AT MANHOLE CONNECTION SHALL BE SIMILAR TO THOSE SHOWN ABOVE.



REVISED: JULY 2015

**VERTICAL
RISER ASSEMBLY SEWER
DETAIL**

CITY ENGINEER
GARY JANZEN, P.E.

PROJECT NUMBER 468-2024-007801	OCA NUMBER	DATE
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET 19 of 26

SS-103



**SANITARY SEWER
IMPROVEMENTS**

**SWANEY FARM ADDITION
PHASE 2**

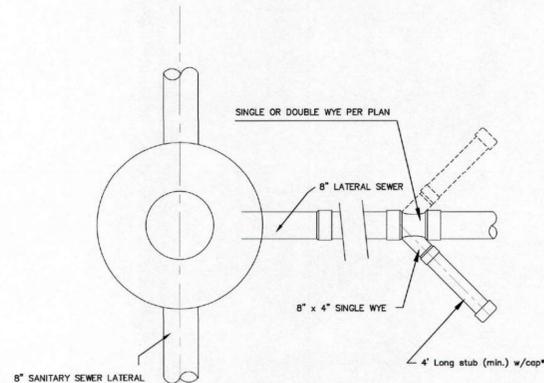
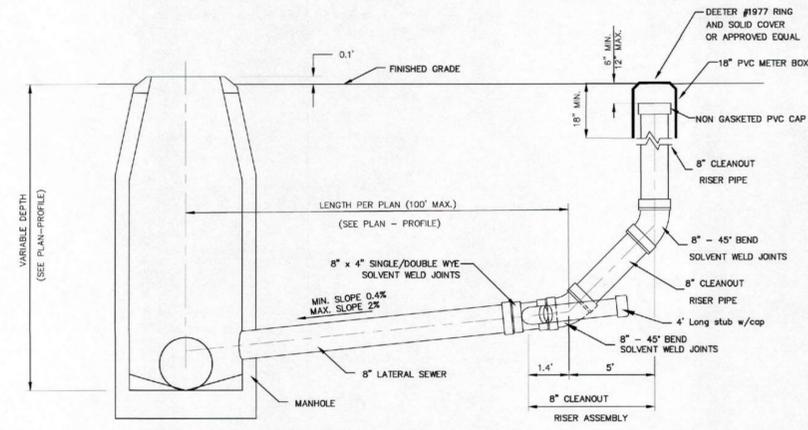
PAUL GUNZELMAN CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-2024-007801

Issue:	
JOB NO.	200605-010
DATE	NOVEMBER 2025
PM	KPG
DESIGNED BY	KPG
DRAWN BY	BJS
CHECKED BY	CSB

VERTICAL RISER ASSEMBLY SEWER DETAILS

SAVED 6/24/2025 10:44:40 AM BY BILL SEXSON
 PLOTTED 11/6/2025 11:50:50 AM BY KEVIN GRAHAM
 U:\WICHITA-CIVIL\2020\200605010912PD4_PLANS\0301SAN SEWER\20-200605-010-CU504 CLEANOUT RISER ASSEMBLY
 DETAILS.DWG

Sheet 06-24-2025 10:44:40 AM by Bill Sexson
 U:\Wichita-Civil\2020\200605010912PD4_PLANS\0301SAN SEWER\20-200605-010-CU504 CLEANOUT RISER ASSEMBLY DETAILS

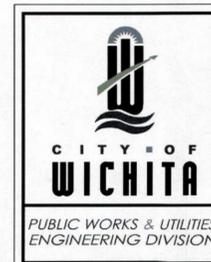


CLEANOUT RISER ASSEMBLY DETAIL
 W/ MANHOLE CONNECTION

GENERAL NOTES:
 TAPS: NO TAPS ARE PERMITTED BETWEEN THE MANHOLE/TEE AND THE CLEANOUT RISER.
 BEDDING: BEDDING AROUND THE SANITARY SEWER RISER SHALL BE COMPACTED PIPE BEDDING TYPE 2. (TYPE 1 IN GROUNDWATER).
 MATERIAL: RISER AND LATERALS SHALL BE CONSTRUCTED OF SDR-35 PVC PIPE. TEES SHALL BE SDR-26 PIPE, 4" STUBS SHALL BE SCHEDULE 40.
 CONNECTIONS: ALL SERVICE CONNECTIONS MUST BE MADE TO THE WYE PROVIDED.

* 4" BRANCH (EACH SIDE) TO SERVE AS 4" STUB TEMPORARY CAP UNTIL SERVICE CONNECTION IS REQUIRED. SINGLE OR DOUBLE WYE TO BE USED WHERE INDICATED ON PLAN. WHEN IN GROUNDWATER 4" STUB NEEDS VERTICAL RISER.

** 8" LATERAL TO BE AIR-TESTED UP TO THE TOP OF PVC PIPE, PER STANDARD SPECIFICATIONS.



CLEANOUT RISER ASSEMBLY DETAIL		
CITY ENGINEER GARY JANZEN, P.E.		
PROJECT NUMBER 468-2024-007801	OCA NUMBER	DATE 12/2011
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET 20 of 26

SS-104



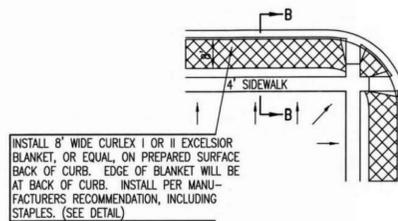
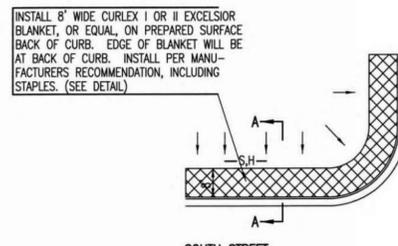
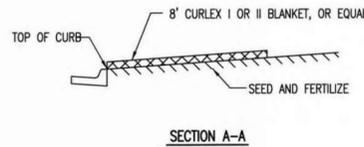
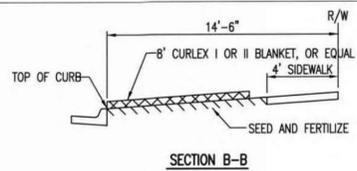
SANITARY SEWER IMPROVEMENTS
 SWANEY FARM ADDITION PHASE 2
 PAUL GUNZELMAN CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2024-007801

Issue:		
JOB NO.	200605-010	
DATE	NOVEMBER 2025	
PM	KPG	
DESIGNED BY	KPG	
DRAWN BY	BJS	
CHECKED BY	CSB	

CLEANOUT RISER ASSEMBLY DETAILS

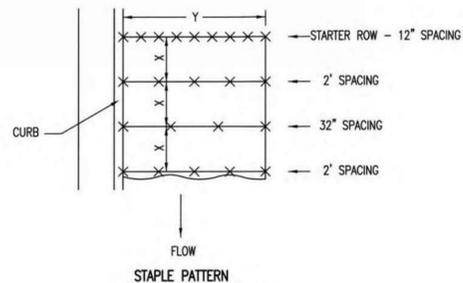
SAVED 6/24/2025 10:47:03 AM BY BILL SEXSON
 PLOTTED 11/6/2025 11:51:18 AM BY KEVIN GRAHAM
 U:\WICHITA-CIVIL\2020\20060509\2PD4_PLANS\030\SAN SEWER\22-200605-010-CU506 BACK OF CURB AND CURB
 INLET PROTECTION.DWG

SAVED 6/24/2025 10:47:03 AM BY BILL SEXSON
 PLOTTED 11/6/2025 11:51:18 AM BY KEVIN GRAHAM
 U:\WICHITA-CIVIL\2020\20060509\2PD4_PLANS\030\SAN SEWER\22-200605-010-CU506 BACK OF CURB AND CURB
 INLET PROTECTION.DWG



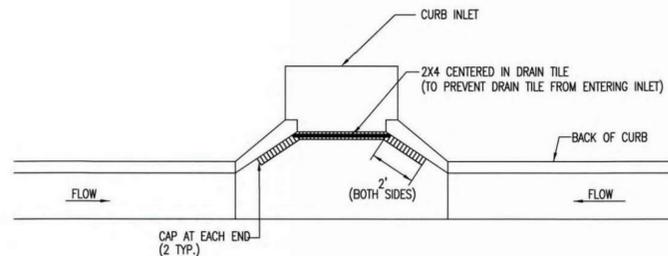
- GENERAL NOTES**
- EXCELSIOR MAT TO BE INSTALLED WHEN SOD IS NOT SPECIFIED ON PROJECT.
 - EXCELSIOR BLANKET TO BE INSTALLED OVER SEED AND FERTILIZER, AS SPECIFIED IN THE PROJECT SPECIFICATIONS.
 - AFTER INSTALLATION OF EXCELSIOR BLANKET, AT LOCATIONS WHERE CONCENTRATED FLOW CARRIES SEDIMENT OVER THE CURB AND INTO THE CUTTER, SUPPLEMENTAL EROSION CONTROL DEVICES WILL BE INSTALLED BY THE CONTRACTOR AS NEEDED, TO FIX THE PROBLEM.

BACK OF CURB PROTECTION DETAIL



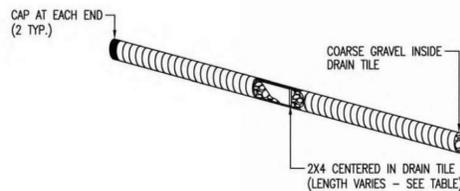
STAPLE PATTERN
 NOTES: USE 6" SEAM OVERLAP
 (X & Y = RECOMMENDED BY MANUFACTURE)

DETAILS FOR APPROVED EROSION CONTROL MAT

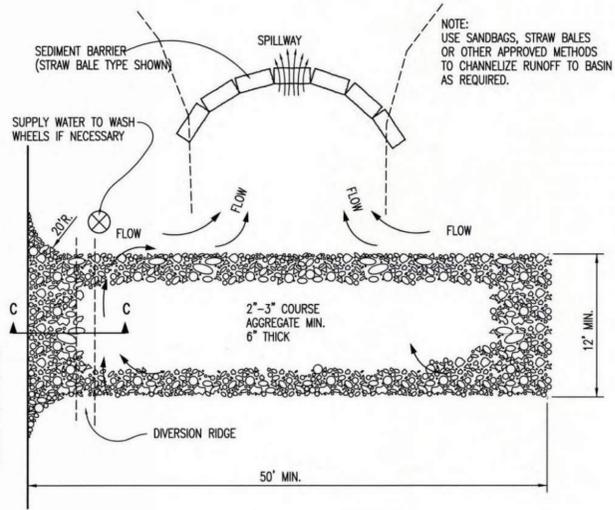
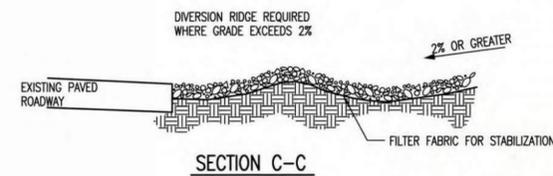


NOTE:
 PLACE 4" PERFORATED PVC PIPE, FILLED WITH 1/2"-1" DIA. GRAVEL, IN FRONT OF CURB INLET AS SHOWN.

2X4 LENGTH	INLET TYPE	INLET OPENING
5'-6"	1-A	5'-0"
10'-6"	1-A	10'-0"
15'-6"	1-A	15'-0"



CURB INLET PROTECTION
 4" PERFORATED PIPE W/ GRAVEL



STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTES

- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN, AS SHOWN ABOVE.
- DRIVE ENTRANCES ONTO RESIDENTIAL LOTS WILL NOT BE REQUIRED TO HAVE THE SEDIMENT BARRIER SHOWN, BUT WHEEL WASHING MAY BE REQUIRED IF STABILIZED ENTRANCE IS NOT SUFFICIENT TO KEEP MUD FROM BEING TRACKED ONTO ADJACENT STREET. ENTRANCE SHALL EXTEND FROM BACK OF CURB TO DWELLING.



BACK OF CURB PROTECTION, CURB INLET PROTECTION AND CONSTRUCTION ENTRANCE
 CITY ENGINEER
GARY JANZEN, P.E.
 PROJECT NUMBER: 468-2024-007801
 OCA NUMBER: _____ DATE: _____
 CITY ENGINEER'S OFFICE
 CITY HALL - SEVENTH FLOOR
 455 NORTH MAIN STREET
 WICHITA, KANSAS 67202-1620
 (316) 268-4501
 SHEET: 22 of 26

REVISION DATE: MAY 2013

SW-501



SANITARY SEWER IMPROVEMENTS
SWANEY FARM ADDITION PHASE 2
 PAUL GUNZELMAN CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2024-007801

Issue:	
JOB NO.	200605-010
DATE	NOVEMBER 2025
PM	KPG
DESIGNED BY	KPG
DRAWN BY	BSJ
CHECKED BY	CSB

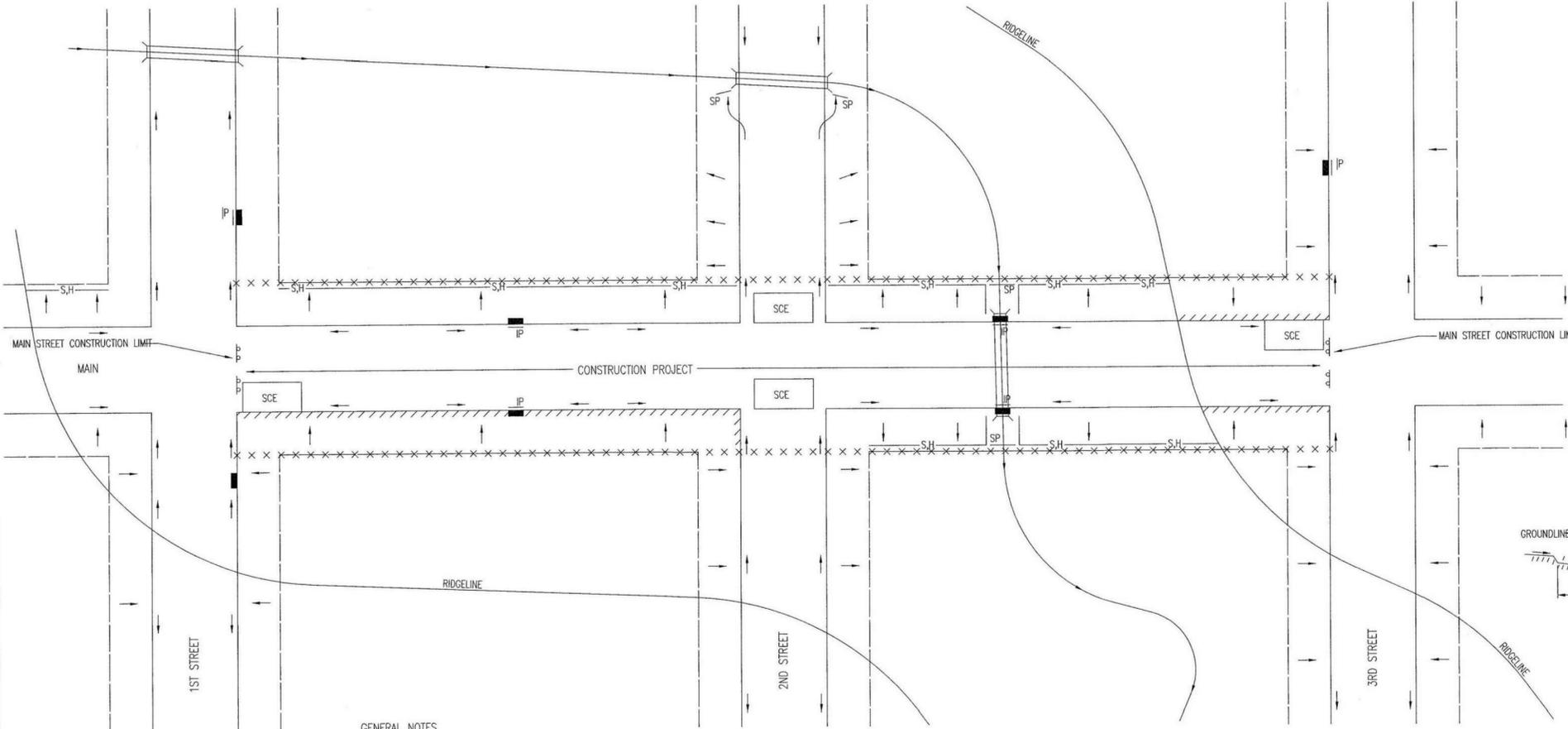
BACK OF CURB AND CURB INLET PROTECTION

SAVED 6/24/2025 10:56:21 AM BY BILL SEXSON
 PLOTTED 11/6/2025 11:51:34 AM BY KEVIN GRAHAM
 U:\WICHITA-CIVIL\2020\2006050109\2PD4_PLANS\0301SAN SEWER\25-200605-010-CU509 STREET IMPROVEMENTS PROJECTS.DWG

Scale: 06-24-2025 10:56:21 AM by BILL SEXSON
 Plot Scale: 1" = 1'-0" 11-06-2025 11:51:34 AM by KEVIN GRAHAM
 U:\WICHITA-CIVIL\2020\2006050109\2PD4_PLANS\0301SAN SEWER\25-200605-010-CU509 STREET IMPROVEMENTS PROJECTS

GENERAL NOTES

- THIS SHEET IS INTENDED TO PROVIDE GUIDELINES AS TO WHAT TYPES OF EROSION CONTROL DEVICES WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS. CONTRACTORS ARE EXPECTED TO BID PROJECTS ACCORDINGLY.
- EROSION CONTROL DEVICES MUST BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION PROCESS AND UNTIL THE DISTURBED EARTH IS RESTABILIZED.
- IF THE PROJECT WILL DISTURB 1 ACRE OR MORE, A FEDERAL/STATE NPDES STORMWATER PERMIT IS REQUIRED. A DETAILED STORMWATER POLLUTION PREVENTION PLAN IS REQUIRED. THE EROSION CONTROL DEVICES SHOWN ON THIS SHEET ARE CONSIDERED TO BE THE MINIMUM TO BE SHOWN IN THE POLLUTION PREVENTION PLAN.
- FOR PROJECTS DISTURBING LESS THAN 1 ACRE, CONTRACTORS ARE ENCOURAGED TO PREPARE STORMWATER POLLUTION PREVENTION PLANS PRIOR TO CONSTRUCTION. EROSION CONTROL DEVICES MUST BE USED ON ALL PROJECTS.
- FAILURE TO USE AND MAINTAIN EROSION CONTROL DEVICES IS A VIOLATION OF SECTION 16.32 OF THE CITY CODE AND WILL SUBJECT THE CONTRACTOR TO THE PENALTIES PROVIDED FOR THEREIN.
- THE APPLICATION OF EROSION CONTROL DEVICES SHOWN ON THIS SHEET IS FOR SITUATIONS NORMALLY ENCOUNTERED. FROM TIME TO TIME, SITUATIONS WILL ARISE THAT MAY REQUIRE A DIFFERENT DEVICE OTHER THAN THOSE SHOWN. EROSION CONTROL DEVICES, OTHER THAN THOSE SHOWN, MAY BE UTILIZED AS LONG AS THEY ARE EFFECTIVE AND MAINTAINED.

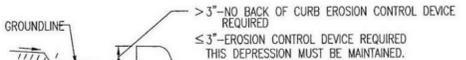


LEGEND

- R-O-W LIMITS
- DRAINAGE FLOW PATH
- × × × × R/W LIMIT WITHIN CONSTRUCTION LIMIT
- STORM WATER INLETS
- IP INLET PROTECTION
- S.H — SILT FENCE OR HAY BALE BARRIER
- SP STREAM PROTECTION
- SCE STABILIZED CONSTRUCTION ENTRANCE
- //// BACK OF CURB PROTECTION

GENERAL NOTES

- THE INTENT OF ALL EROSION CONTROL DEVICES IS TO KEEP ALL SEDIMENT CONFINED TO THE CONSTRUCTION SITE, AND OUT OF ALL UNDERGROUND PIPES, DITCHES, LAKES, AND OTHER DRAINAGE FACILITIES, AND OFF OF STREETS.
- THE POINT OF COMPLIANCE IS GENERALLY THE RIGHT-OF-WAY LINES WITHIN THE LIMITS OF CONSTRUCTION.
- EROSION CONTROL DEVICES WILL BE REQUIRED AT ALL POINTS ALONG THE PROJECT WHERE DISTURBED EARTH CAN DRAIN ONTO PRIVATE PROPERTY.
- INLET PROTECTION DEVICES WILL BE REQUIRED WHEREVER WATER CAN DRAIN OFF THE PROJECT SITE INTO AN INLET, INCLUDING ANY SIDE STREET INLETS.
- EROSION CONTROL DEVICES SHALL BE INSTALLED AT CREEK CROSSINGS SO AS TO PREVENT SEDIMENT FROM ENTERING THEREIN.
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE PROVIDED, AS NEEDED, TO PREVENT MUD FROM TRACKING ONTO STREETS NOT UNDER CONSTRUCTION AND ON STREETS WITHIN THE PROJECT LIMITS IF TRAFFIC IS BEING MAINTAINED THROUGH THE PROJECT.
- ANY MUD TRACKED ONTO STREETS MUST BE REMOVED AT THE END OF EACH WORK DAY.
- THE CONTRACTOR WILL BE REQUIRED TO PLACE EROSION CONTROL DEVICES BACK OF CURB, WHENEVER WATER CAN DRAIN OVER CURB, TO KEEP ERODED SOIL OUT OF THE GUTTERLINES, IN ACCORDANCE WITH THE FOLLOWING:
 - THE DEVICE REQUIRED WILL BE APPROVED EROSION CONTROL MAT LISTED ON THE CITY'S APPROVED MATERIAL LIST. SAID BLANKET SHALL BE PLACED OVER THE APPROPRIATE SEED AND FERTILIZER, AS SPECIFIED IN THE PROJECT SPECIFICATIONS. (SEE SOIL EROSION BMPs - BACK OF CURB SEDIMENT BARRIER DETAILS)
 - THIS DEVICE SHALL BE INSTALLED IMMEDIATELY WHENEVER THE CURB IS BACKFILLED TO WITHIN 3" OF THE TOP OF CURB. (SEE CURB BACKFILL DETAIL)
 - OTHER BMPs MAY BE REQUIRED AT LOCATIONS WHERE CONCENTRATED FLOW CARRIES SEDIMENT OVER THE CURB.
 - ADDITIONALLY, OTHER EROSION CONTROL DEVICES (HAY BALES, SILT FENCE, ETC.) WILL BE INSTALLED AT LOCATIONS OF CONCENTRATED FLOW RESULTING IN SEDIMENT OVERRUNNING THE MAT.
 - SHOULD THE PROJECT PLANS SPECIFY THAT THE RIGHT-OF-WAY IS TO BE SODDED, THE EXCELSIOR MAT WILL NOT BE REQUIRED SO LONG AS THE SOD IS PLACED WITHIN 48 HOURS AFTER CURB BACKFILL REACHES A HEIGHT OF 3" OR LESS FROM TOP OF CURB. (SEE CURB BACKFILL DETAIL)



CURB BACKFILL DETAIL

THIS IS A TEMPORARY MEASURE ONLY, WHEN APPROVED BY THE PROJECT ENGINEER. THE DIRT GRADE BEHIND THE CURB SHALL BE BROUGHT TO THE TOP OF CURB, WITH TEMPORARY EROSION CONTROL MAT OR PERMANENT VEGETATION PLACED, PRIOR TO THE COMPLETION OF ALL PROJECTS.



REVISION: JUNE 2015		
STREET IMPROVEMENT PROJECTS		
CITY ENGINEER GARY JANZEN, P.E.		
PROJECT NUMBER 468-2024-007801	OCA NUMBER	DATE
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET 25 of 26

SANITARY SEWER IMPROVEMENTS

SWANEY FARM ADDITION PHASE 2

PAUL GUNZELMAN CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2024-007801

Issue:	
JOB NO.	200605-010
DATE	NOVEMBER 2025
PM	KPG
DESIGNED BY	KPG
DRAWN BY	BJS
CHECKED BY	CSB

STREET IMPROVEMENTS PROJECTS

