

CONSTRUCTION PLANS FOR SANITARY SEWER IMPROVEMENTS

TO SERVE PINEWAY ADDITION - PHASE 1

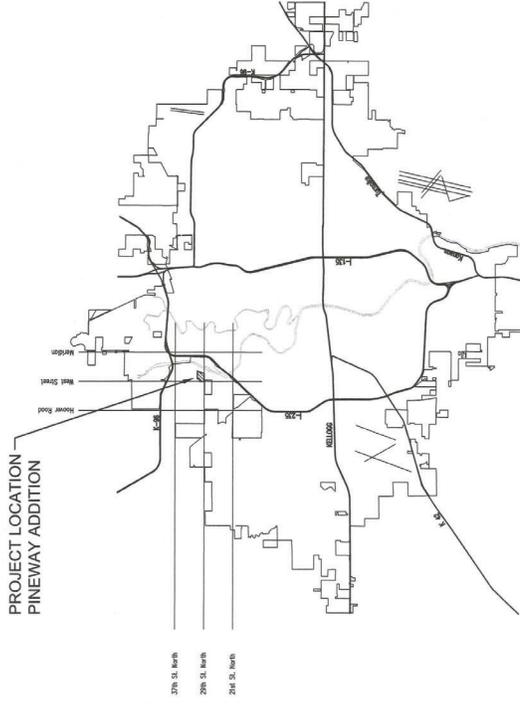
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CITY OF WICHITA ENGINEERING PROJECT NO. 468-2024-001192
ORG CODE: 47271224, MUNIS NO.: E4043

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

DEVELOPER CONTACT
JEFF LANGERE
4852 W. BROADWAY
WICHITA, KANSAS 67217
(316) 529-3100
JEFF@LANGERE.COM

Dondlinger Construction - Contractor
S. Lowe - City of Wichita, Field Project Engineer
J. Starks - City of Wichita, Inspector
As-built
Risers
Risers Date (for connection purposes only), 2/20/2025
Completion Date
pdf: apr. 2/21/2025



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Engineering
APPROVED AS NOTED
BY WICHITA PUBLIC WORKS
ENGINEERING DIVISION
6/5/24
An approved copy of these plans signed by City staff are required on-site.

JUNE 2024



SANITARY SEWER IMPROVEMENTS
TO SERVE
PINEWAY ADDITION
PHASE 1
PAUL GUNZELMAN CITY ENGINEER
CITY OF WICHITA PROJECT NO.
468-2024-001192

JOB NO.	221170-003
DATE	JUNE 2024
DESIGNED BY	KFG
DRAWN BY	HJW
CHECKED BY	TBK
TITLE SHEET	

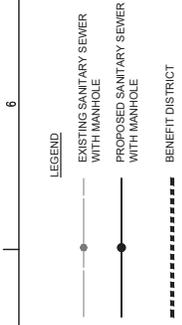
C001



**SANITARY SEWER IMPROVEMENTS
TO SERVE
PHASE 1
PINENEY ADDITION**
CITY OF WICHITA PROJECT NO.
468-2024-001192

JOB NO.	221770-003
DATE	JUNE 2024
DESIGNED BY	KPG
DRAWN BY	HJW
CHECKED BY	TBK
SANITARY SEWER KEY MAP AND BUBBLE MAP	

CU100



SANITARY SEWER LINE PHASE 1 BENEFIT DISTRICT
LOTS 1 THRU 20, BLOCK A,
LOTS 26 & 39, BLOCK A,
LOTS 1 THRU 10, BLOCK B,
LOTS 1 THRU 10, BLOCK C
IN THE PINENEY ADDITION TO WICHITA,
SEDEWICK CO, KANSAS.

SEE SHEET NO. CU100
FOR PLAT COORDINATES.

DATUM BENCHMARK:
HORIZONTAL DATUM (NAD 83) COMBINED ADJUSTMENT
FACTOR=1.00017740 GROUND TO GRID=0.99982260
VERTICAL DATUM (NAD 83) DERIVED FROM USING THE SEDGWICK
COUNTY NTRIP NETWORK
ORTHOMETRIC HEIGHT WAS DETERMINED USING THE GEOD 18
(CONUS) MODEL. UNITS ARE U.S. SURVEY FEET.

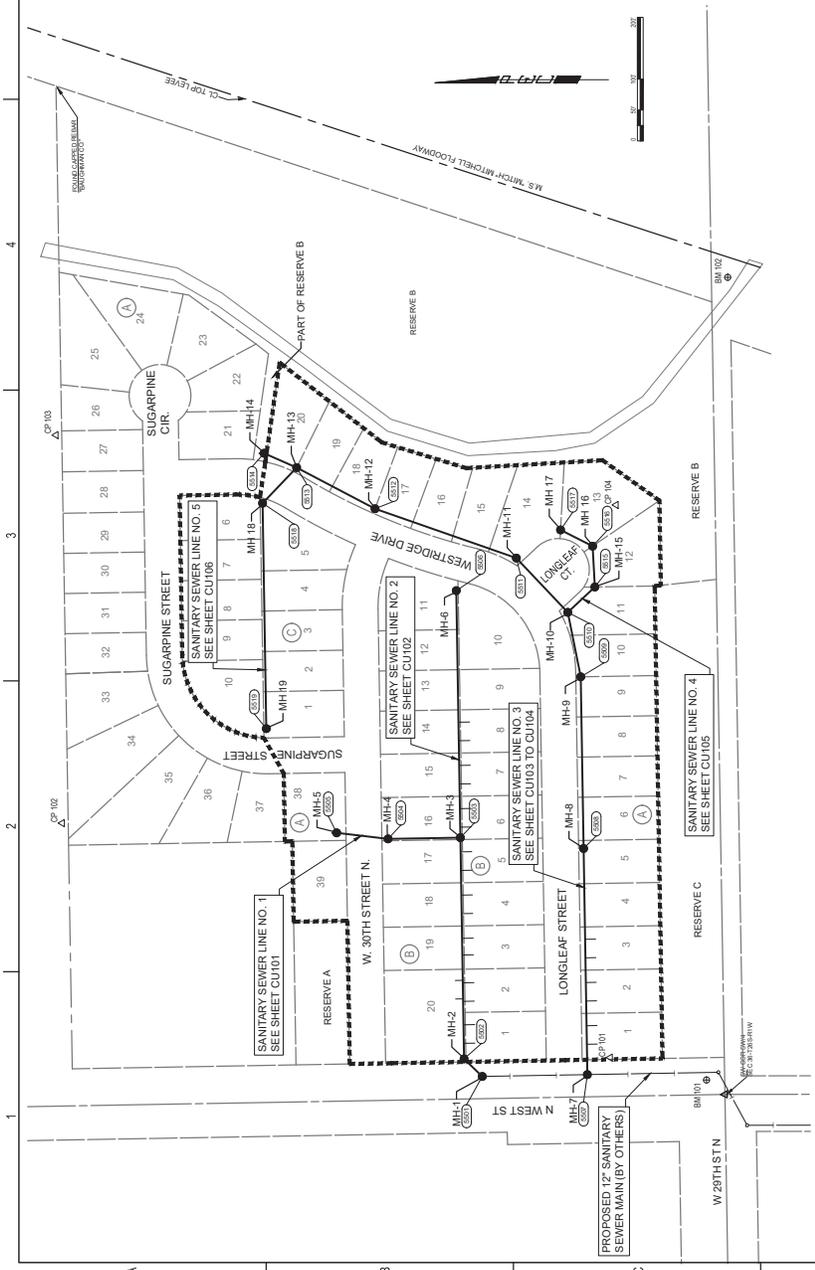
BENCHMARK LIST

- BRASS DISC ON NORTHEAST CORNER OF RCBC APPROXIMATELY 47 FEET NORTHWEST OF THE SOUTHWEST CORNER OF PINENEY ADDITION, APPROXIMATELY 29 FEET EAST OF THE SOUTHWEST CORNER OF SEC. 36, T28S, R1W. ELEV.=1322.23 NAVD 88
- BRASS DISC ON NORTHWEST CORNER OF RCBC APPROXIMATELY 47 FEET SOUTHWEST OF THE SOUTHWEST CORNER OF PINENEY ADDITION, APPROXIMATELY 19 FEET EAST OF THE SOUTHWEST CORNER OF SEC. 36, T28S, R1W. ELEV.=1316.52 NAVD 88

- SOUTHWEST SECTION CORNER**
SECTION 36, TOWNSHIP 28 SOUTH, RANGE 1, WEST
CORNER OF THE SOUTHWEST CORNER OF THE SOUTHWEST
CORNER OF SEC. 36, T28S, R1W
- 55.69' NNW TO A 400' NAIL AND WASHER IN THE SOUTH FACE OF A POWER POLE
 - 37.55' NETO TO THE CENTER OF A CITY DISC NEAR THE NORTH END HUB GUARD OF A RCBC CHAIN LINK FENCE TO THE EAST
 - 1.5' W. TO THE CENTER OF A PAVED ROADWAY

CONTROL POINTS

- CP 101
N. 1704.5929, E. 1634.959, 4309
NUMBER FOUR REBAR SET AT GROUND SURFACE APPROXIMATELY 185 FEET NORTH AND 63 FEET EAST OF THE SOUTHWEST CORNER OF SEC. 36, T28S, R1W.
- CP 102
N. 1704.726304, E. 1634.010, 46
NUMBER FOUR REBAR SET AT GROUND SURFACE APPROXIMATELY 1065 FEET NORTH AND 488 FEET EAST OF THE SOUTHWEST CORNER OF SEC. 36, T28S, R1W.
- CP 103
N. 1706.591, 9530, E. 1634.639, 8410
NUMBER FOUR REBAR SET AT GROUND SURFACE APPROXIMATELY 1065 FEET NORTH AND 1078 FEET EAST OF THE SOUTHWEST CORNER OF SEC. 36, T28S, R1W.
- CP 104
N. 1704.674, 6774, E. 1634.625, 2130
NUMBER FOUR REBAR SET AT GROUND SURFACE APPROXIMATELY 161 FEET NORTH AND 998 FEET EAST OF THE SOUTHWEST CORNER OF SEC. 36, T28S, R1W.



**STRUCTURE TABLE
SANITARY SEWER LINE NO. 4**

NAME	ID	STATION	COORDINATES	DESCRIPTION
MH-10	5510	17+506	N. 1704.7327897 SS LINE 3 E. 1634.3513371	4" DIAMETER MANHOLE
MH-15	5515	19+650	N. 1704.7090210 SS LINE 4 E. 1634.3863380	4" DIAMETER MANHOLE
MH-16	5516	14+262	N. 1704.7126304 SS LINE 1 E. 1634.6564961	4" DIAMETER MANHOLE
MH-17	5517	SS LINE 4	E. 1634.494726	4" DIAMETER MANHOLE

**STRUCTURE TABLE
SANITARY SEWER LINE NO. 5**

NAME	ID	STATION	COORDINATES	DESCRIPTION
MH-13	5513	22+570	N. 1705.0194790 SS LINE 3 E. 1634.3616640	4" DIAMETER MANHOLE
MH-18	5518	10+776	N. 1705.2462726 SS LINE 6 E. 1634.5431472	4" DIAMETER MANHOLE
MH-19	5519	SS LINE 5	E. 1634.3032005	4" DIAMETER MANHOLE

**STRUCTURE TABLE
SANITARY SEWER LINE NO. 3**

NAME	ID	STATION	COORDINATES	DESCRIPTION
MH-7	5507	10+00.0	N. 1704.7211460 SS LINE 3 E. 1633.6623091	4" DIAMETER MANHOLE
MH-8	5508	13+46.1	N. 1704.7272226 SS LINE 3 E. 1633.9683783	4" DIAMETER MANHOLE
MH-9	5509	16+44.1	N. 1704.7310367 SS LINE 3 E. 1634.2463660	4" DIAMETER MANHOLE
MH-10	5510	SS LINE 3	E. 1634.3523371	4" DIAMETER MANHOLE
MH-11	5511	16+24.6	N. 1704.8381956 SS LINE 3 E. 1634.4391690	4" DIAMETER MANHOLE
MH-12	5512	21+57.7	N. 1705.0645529 SS LINE 3 E. 1634.5194669	4" DIAMETER MANHOLE
MH-13	5513	22+47.0	N. 1705.0194790 SS LINE 3 E. 1634.3686543	4" DIAMETER MANHOLE
MH-14	5514	23+44.6	N. 1705.2461994 SS LINE 3 E. 1634.6083742	4" DIAMETER MANHOLE

**STRUCTURE TABLE
SANITARY SEWER LINE NO. 1**

NAME	ID	STATION	COORDINATES	DESCRIPTION
MH-1	5501	10+00.0	N. 1704.8811480 SS LINE 1 E. 1633.3991815	4" DIAMETER MANHOLE
MH-2	5502	10+41.0	N. 1704.9203897 SS LINE 1 E. 1633.6284884	4" DIAMETER MANHOLE
MH-3	5503	13+99.6	N. 1704.9034607 SS LINE 1 E. 1633.9563694	4" DIAMETER MANHOLE
MH-4	5504	14+26.2	N. 1704.9812668 SS LINE 1 E. 1633.9913634	4" DIAMETER MANHOLE
MH-5	5505	16+24.6	N. 1705.0352688 SS LINE 1 E. 1633.9913634	4" DIAMETER MANHOLE

**STRUCTURE TABLE
SANITARY SEWER LINE NO. 2**

NAME	ID	STATION	COORDINATES	DESCRIPTION
MH-3	5503	13+99.6	N. 1704.9033897 SS LINE 1 E. 1633.9563694	4" DIAMETER MANHOLE
MH-6	5506	SS LINE 2	E. 1633.3991815	4" DIAMETER MANHOLE



Construction Engineering Division
 1801 S. McLean Blvd., Suite B
 Wichita KS, 67213
 (316) 268-4027

Sanitary Sewer Riser Table

Project Name: WDS_SWD_SS_Paving to serve Pineway Addition Phase 1
Project Location: (North of 29th St N & East of West St)
Project No: 468-2024-001192
MUNIS No: E4043/47271224
Contractor: Dondlinger & Sons Construction Co., Inc.
Inspector: Justin Starks/Daniel Swinger (Paving)

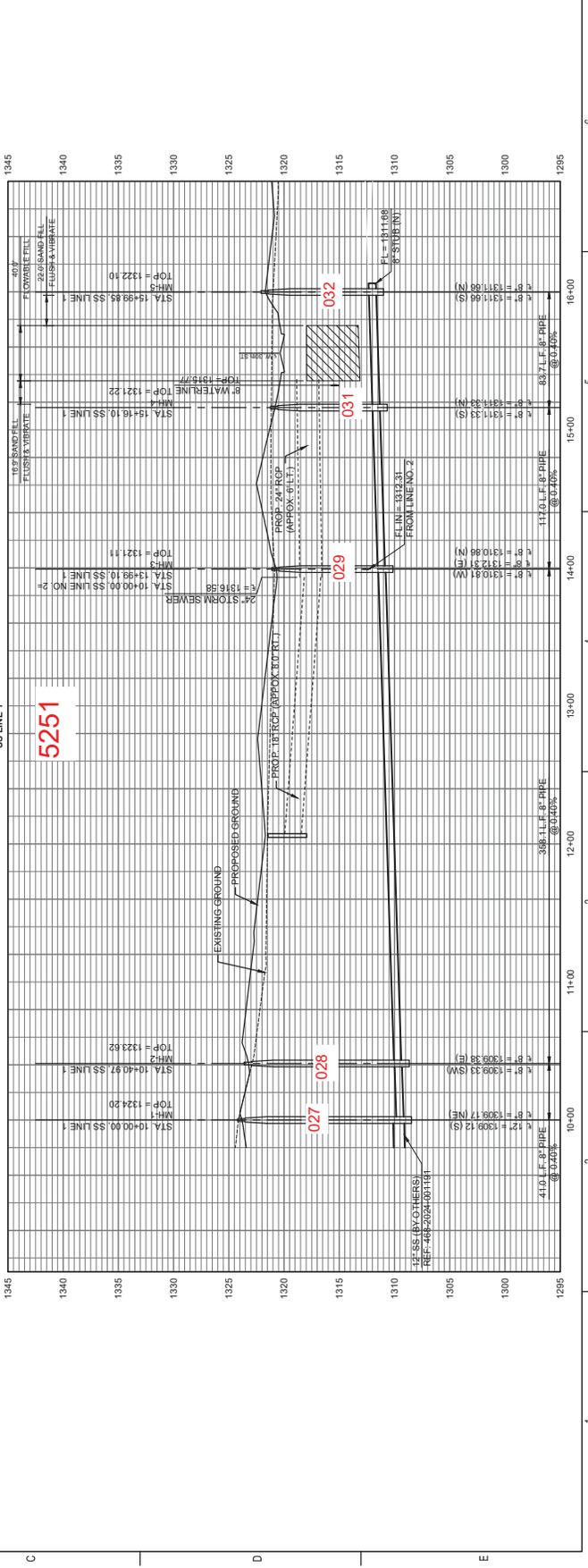
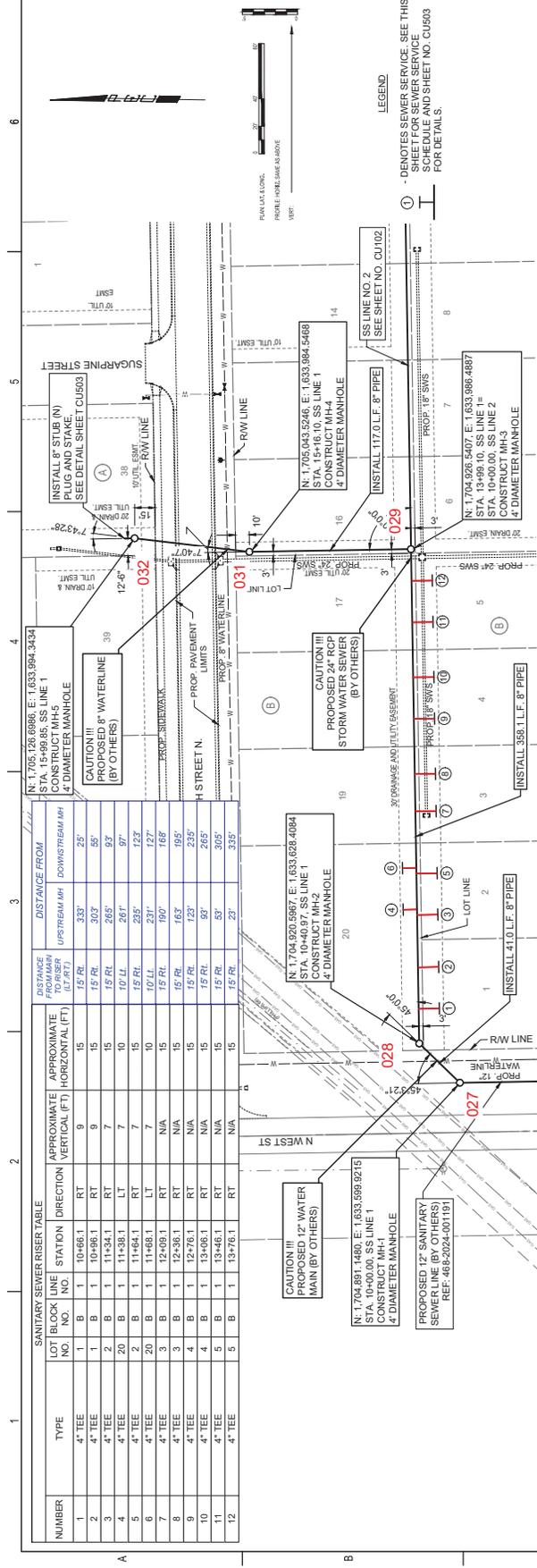
Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)	Distance from		Comment
				Upstream MH	Downstream MH	
1	1	10+66.1	15 RT	333'	25'	
2	1	10+96.1	15 RT	303'	55'	
3	1	11+34.1	15 RT	265'	93'	
4	1	11+38.1	10 LT	261'	97'	
5	1	11+64.1	15 RT	235'	123'	
6	1	11+68.1	10 LT	231'	127'	
7	1	12+09.1	15 RT	190'	168'	
8	1	12+36.1	15 RT	163'	195'	
9	1	12+76.1	15 RT	123'	235'	
10	1	13+06.1	15 RT	93'	265'	
11	1	13+46.1	15 RT	53'	305'	
12	1	13+76.1	15 RT	23'	335'	
13	2	10+17.0	15 RT	383'	17'	
14	2	10+47.0	15 RT	353'	47'	
15	2	10+87.0	15 RT	313'	87'	
16	2	11+17.0	15 RT	283'	117'	
17	2	11+57.0	15 RT	243'	157'	
18	2	11+87.0	15 RT	213'	187'	
19	3	10+49.10	17' RT	317'	47'	
20	3	10+79.10	17' RT	287'	79'	
21	3	11+19.10	17' RT	247'	119'	
22	3	11+49.10	17' RT	217'	149'	
23	3	11+89.10	17' RT	177'	189'	
24	3	12+19.10	17' RT	147'	219'	



**SANITARY SEWER IMPROVEMENTS
TO SERVE
PINEWAY ADDITION
PHASE 1
CITY OF WICHITA PROJECT NO.
468-2024-001192**

JOB NO.	221170-003
DATE	JUNE 2024
DESIGNED BY	KPG
DRAWN BY	HJW
CHECKED BY	TBK
SANITARY SEWER NO. 1	

CU101



SANITARY SEWER RISER TABLE

NUMBER	TYPE	LOT BLOCK LINE NO.	STATION	DIRECTION	APPROXIMATE VERTICAL (FT)	APPROXIMATE HORIZONTAL (FT)	DISTANCE FROM US/STREAM MH (L/R/T)	DISTANCE FROM DOWNSTREAM MH
1	4" TEE	1	B	10+66.1	RT	9	33'	25'
2	4" TEE	1	B	10+66.1	RT	9	30'	65'
3	4" TEE	2	B	11+34.1	RT	7	15'	97'
4	4" TEE	2	B	11+34.1	LT	7	10'	26'
5	4" TEE	2	B	11+64.1	RT	7	15'	235'
6	4" TEE	2	B	11+64.1	LT	7	10'	237'
7	4" TEE	3	B	12+09.1	RT	N/A	15'	197'
8	4" TEE	3	B	12+09.1	LT	N/A	15'	166'
9	4" TEE	4	B	12+76.1	RT	N/A	15'	163'
10	4" TEE	4	B	12+76.1	LT	N/A	15'	127'
11	4" TEE	5	B	13+44.1	RT	N/A	15'	269'
12	4" TEE	5	B	13+76.1	RT	N/A	15'	332'

INSTALL 8" STUB (N) PLUG AND STAKE. SEE DETAIL SHEET CU503

CAUTION III PROPOSED 8" WATERLINE (BY OTHERS)

CAUTION III PROPOSED 24" RCP STORM WATER SEWER (BY OTHERS)

CAUTION III PROPOSED 12" WATER MAIN (BY OTHERS)

CAUTION III PROPOSED 12" WATER SEWERLINE (BY OTHERS)

SS LINE NO. 2 SEE SHEET NO. CU102

SS LINE NO. 1

SS LINE 1=

SS LINE 2=

LEGEND

① DENOTES SEWER SERVICE. SEE THIS SHEET FOR SEWER SERVICE SCHEDULE AND SHEET NO. CU503 FOR DETAILS.

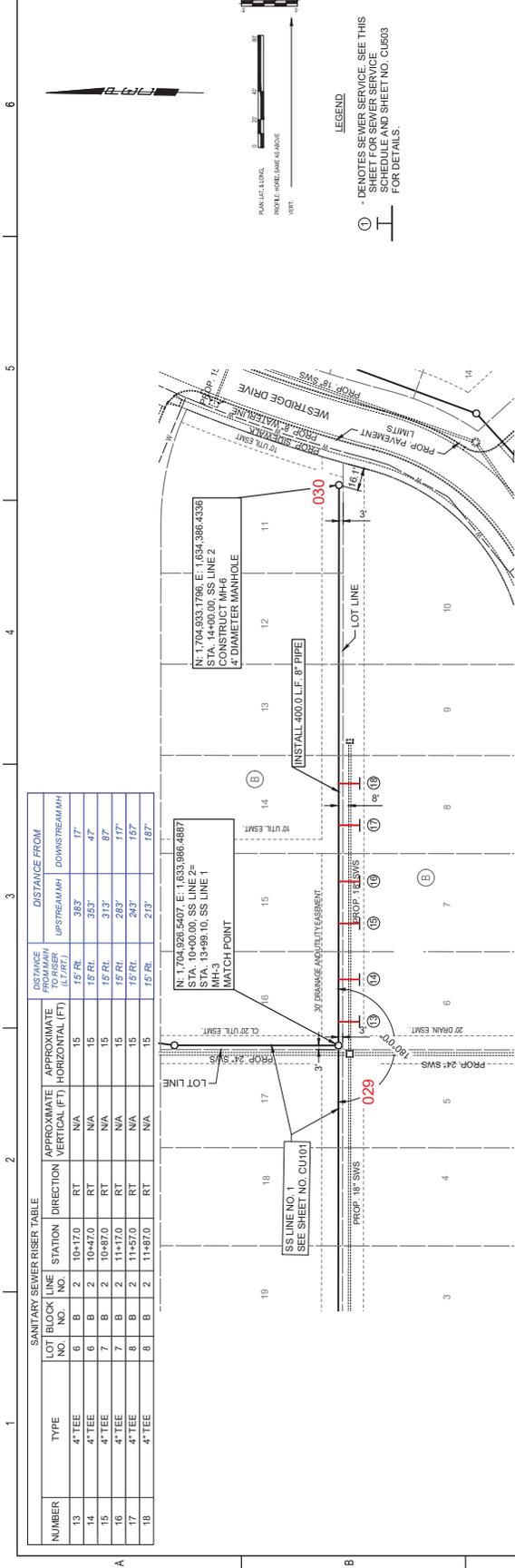
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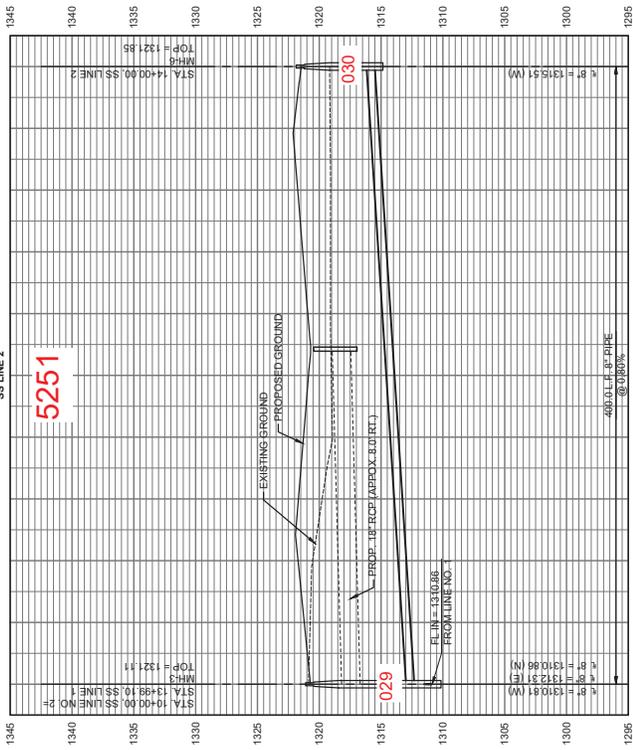
PAUL GUNZELMAN CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-2024-001192
PHASE 1
PINEWAY ADDITION
TO SERVE
SANITARY SEWER IMPROVEMENTS

JOB NO.	221170-003
DATE	JUNE 2024
PM	KPG
DESIGNED BY	KPG
DRAWN BY	HJW
CHECKED BY	TBK
SANITARY SEWER NO. 2	

CU102



NUMBER	SANTARY SEWER RISER TABLE			DISTANCE FROM				
	TYPE	LOT BLOCK LINE NO.	STATION	DIRECTION	APPROXIMATE VERTICAL (F.T.)	HORIZONTAL (F.T.)	UPSTREAM MH (L.F./RT.)	DOWNSTREAM MH (L.F./RT.)
13	4" TEE	6 B 2	10+17.0	RT	N/A	15	15' RL	382'
14	4" TEE	6 B 2	10+47.0	RT	N/A	15	15' RL	353'
15	4" TEE	7 B 2	10+87.0	RT	N/A	15	15' RL	313'
16	4" TEE	7 B 2	11+17.0	RT	N/A	15	15' RL	283'
17	4" TEE	8 B 2	11+57.0	RT	N/A	15	15' RL	243'
18	4" TEE	8 B 2	11+87.0	RT	N/A	15	15' RL	187'



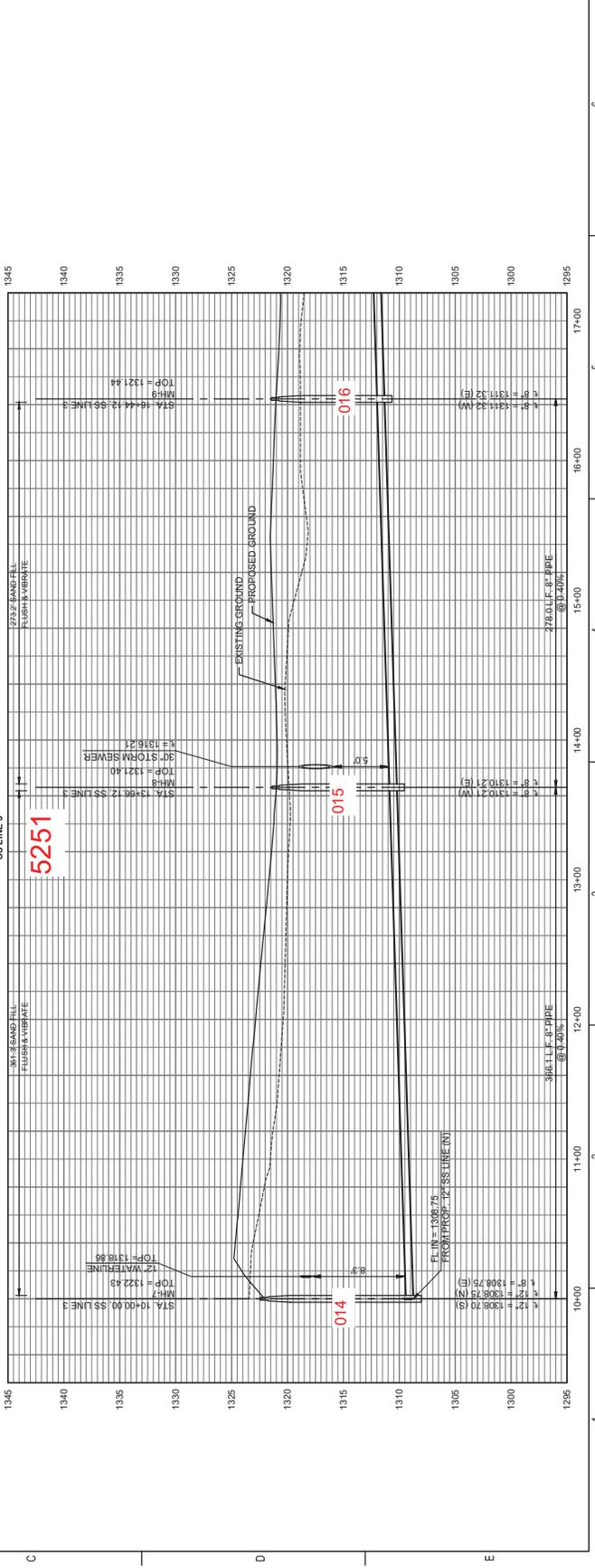
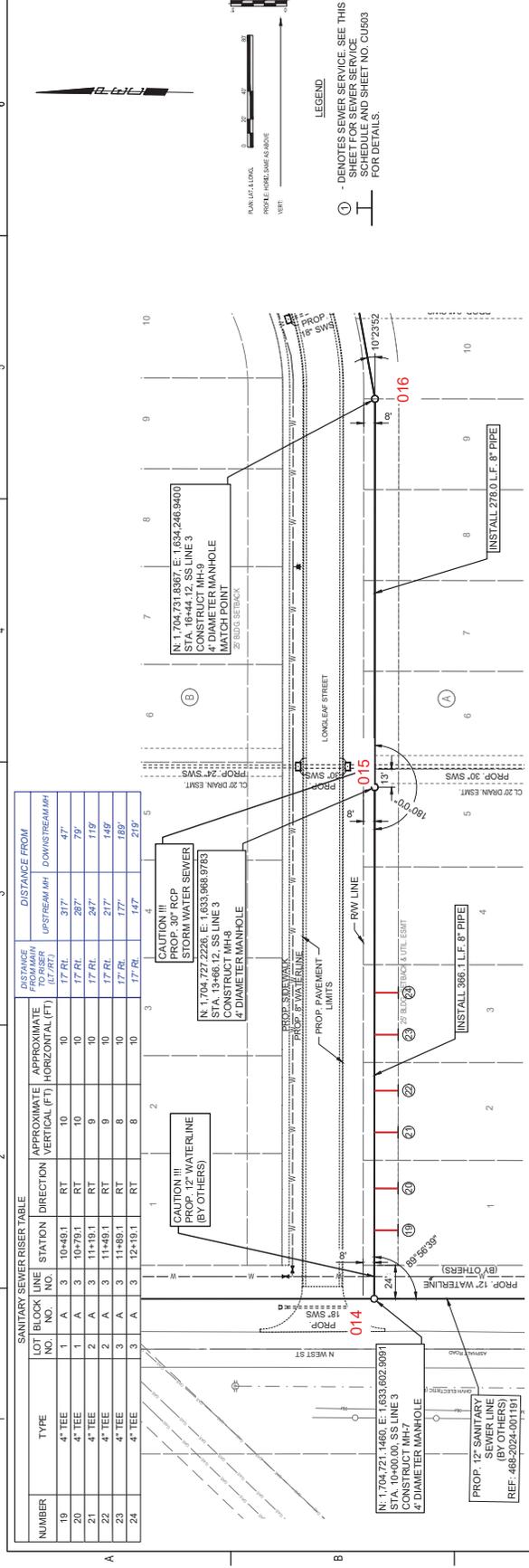


PAUL GUNZELMAN CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-2024-001192

PHASE 1
PINEWAY ADDITION
TO SERVE
SANITARY SEWER IMPROVEMENTS

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DESIGNED BY	KPG
DRAWN BY	HJW
CHECKED BY	TBK
SANITARY SEWER NO. 3	

CU103



SAVED 5/29/2024 3:37:53 PM BY KEVIN GRAHAM
 PLOTTED 6/2/2024 7:36:23 AM BY KEVIN GRAHAM
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LEGEND
 - DENOTES SEWER SERVICE SEE THIS SHEET FOR SEWER SERVICE
 - DENOTES WATER SERVICE SEE THIS SHEET FOR WATER SERVICE
 - DENOTES UTILITY SERVICE SEE THIS SHEET FOR UTILITY SERVICE
 - DENOTES OTHER SERVICE SEE THIS SHEET FOR OTHER SERVICE
 - DENOTES PROPERTY LINE SEE THIS SHEET FOR PROPERTY LINE
 - DENOTES RIGHT OF WAY SEE THIS SHEET FOR RIGHT OF WAY
 - DENOTES EASEMENT SEE THIS SHEET FOR EASEMENT
 - DENOTES ADJACENT PROPERTY SEE THIS SHEET FOR ADJACENT PROPERTY
 - DENOTES ADJACENT STREET SEE THIS SHEET FOR ADJACENT STREET
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CHECKED BY	TBK
SANITARY SEWER NO. 4	

CU105
CUI05 OF ##

