

CONSTRUCTION PLANS FOR SANITARY SEWER IMPROVEMENTS

TO SERVE

CYPRESS GLEN ADDITION

CITY OF WICHITA, KS

PAUL GUNZELMAN, P.E. - CITY ENGINEER

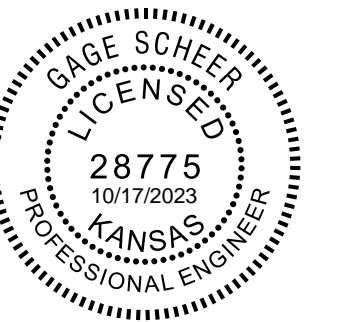
CITY OF WICHITA ENGINEERING PROJECT NO. 468-2023-016041

ORG CODE: 47269123

MUNIS NO.: E3105

DEVELOPER CONTACT
MIKE MEYSING
MEYSING PROPERTIES, LLC
35601 EAST 157TH CT
HUDSON, CO 80642
502-693-0921

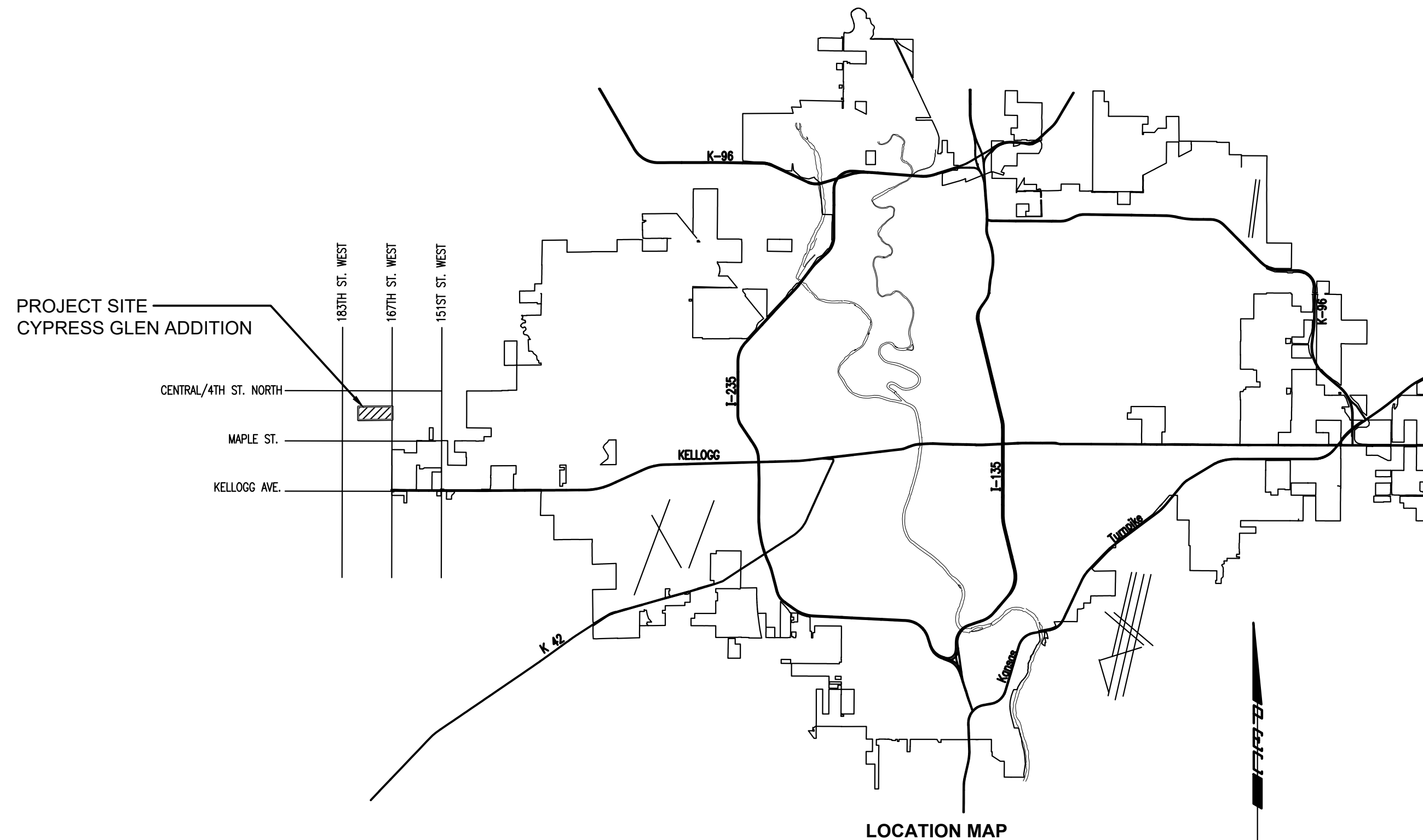
Apex Excavating - Contractor
S. Lowe - City of Wichita, Field Project Engineer
R. Carillo - City of Wichita, Inspector
As-built
Risers
Release Date (for connection purposes only): 9/26/2024
Completion Date:
pdf: apr 4/14/2025



SANITARY SEWER IMPROVEMENTS
 TO SERVE
CYPRESS GLEN ADDITION
 PAUL GUNZELMAN, P.E. - CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2023-016041

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CU-508	SOIL EROSION BMP DETAILS
CU-509	SOIL EROSION BMP DETAILS
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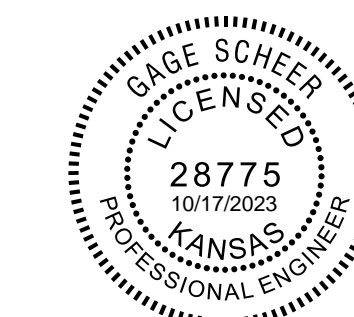
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JOB NO.	210975-006
DATE	SEPTEMBER 2023
PM	GAS
DESIGNED BY	JJH
DRAWN BY	AJH
CHECKED BY	GAS

SANITARY SEWER TITLE SHEET

C-001
1 OF 27

CYPRESS GLEN ADDITION



SANITARY SEWER IMPROVEMENTS

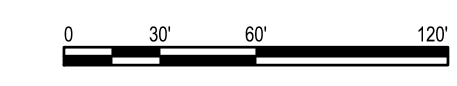
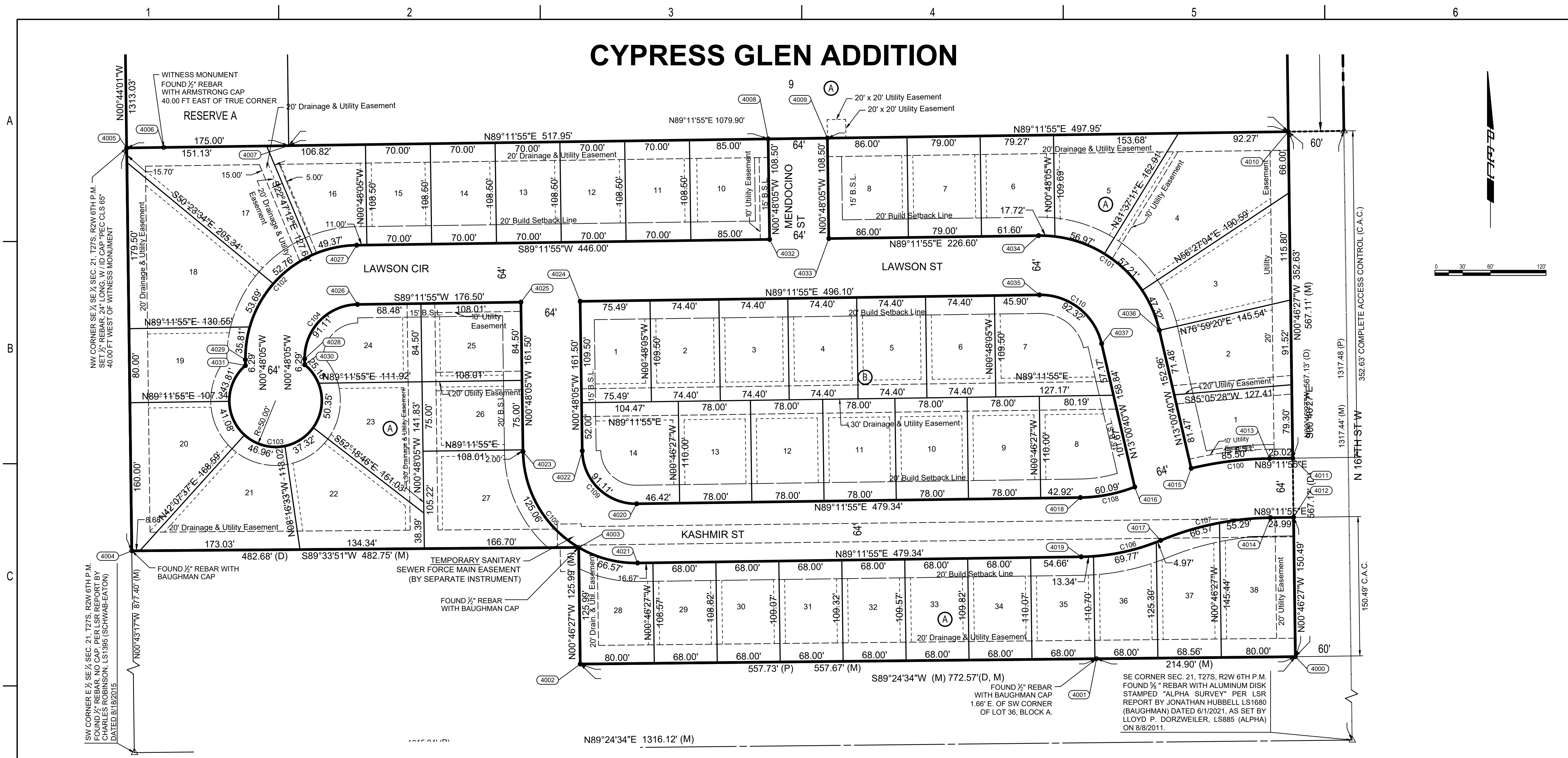
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PAUL GUNZELMAN, P.E. - CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-2023-016041

JOB NO.	210975-006
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PLAT BUBBLE MAP

C-003
3 OF 27



CURVE TABLE					
CURVE NO.	RADIUS	DELTA	LENGTH	CHORD LENGTH	CHORD BEARING
C100	385.00'	12°43'28"	85.50'	85.33'	S82°50'11"W
C101	132.00'	77°47'25"	179.22'	165.76'	S51°54'23"E
C102	122.00'	90°00'00"	191.64'	172.53'	S44°11'55"W
C103	50.00'	280°24'59"	244.71'	64.00'	N89°11'55"E
C104	58.00'	90°00'00"	91.11'	82.02'	S44°11'55"W
C105	122.00'	90°00'00"	191.64'	172.53'	S45°48'05"E
C106	232.00'	21°45'05"	88.08'	87.55'	N78°19'23"E
C107	321.00'	21°45'05"	121.86'	121.13'	S78°19'23"W
C108	168.00'	20°29'42"	60.09'	59.77'	N78°57'04"E
C109	58.00'	90°00'00"	91.11'	82.02'	S45°48'05"E
C110	68.00'	77°47'25"	92.32'	85.39'	N51°54'23"W

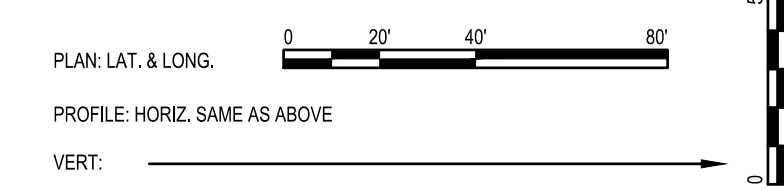
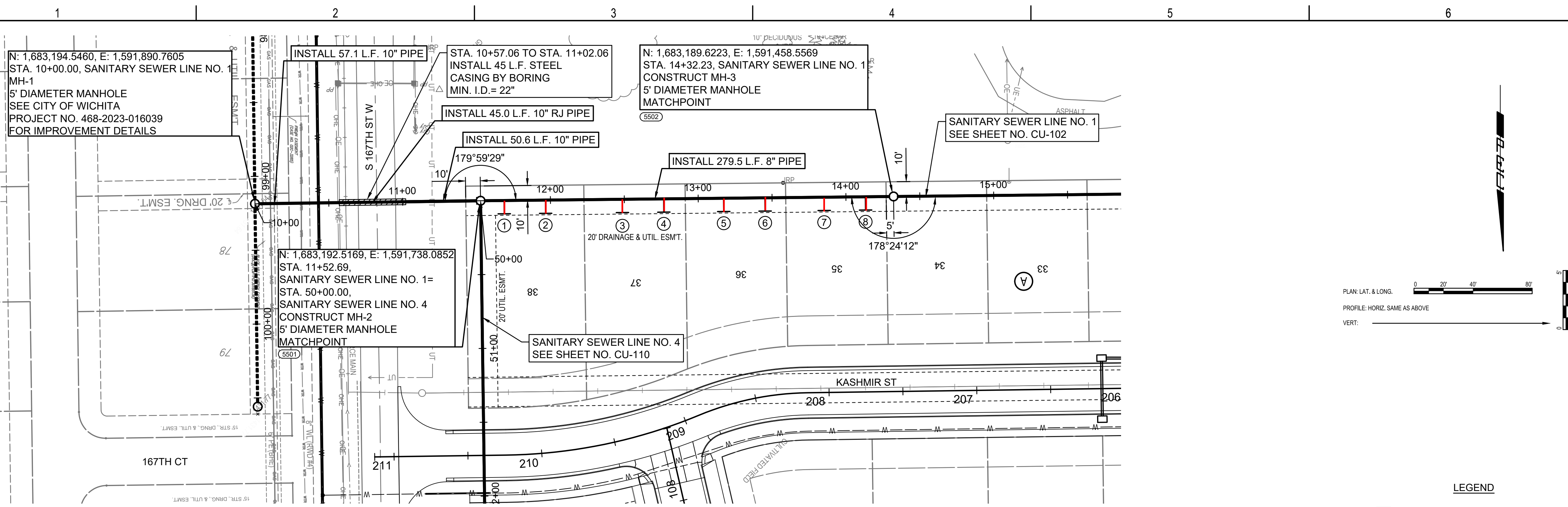
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POINT	NORTHING	EASTING	
4000	1,683,182.6076	1,591,748.2193	
4001	1,683,180.3925	1,591,533.3307	
4002	1,683,174.6444	1,590,975.6950	
4003	1,683,300.6228	1,590,973.9930	
4004	1,683,296.9498	1,590,491.2564	
4005	1,683,732.1194	1,590,485.7777	
4006	1,683,732.6788	1,590,525.7738	
4007	1,683,734.5671	1,590,660.7607	
4008	1,683,741.8109	1,591,178.6612	
4009	1,683,742.7060	1,591,242.6549	

COORDINATE LIST			
POINT	NORTHING	EASTING	
4010	1,683,749.6703	1,591,740.5576	
4011	1,683,397.0758	1,591,745.3216	
4012	1,683,333.0817	1,591,746.1862	
4013	1,683,396.7260	1,591,720.3088	
4014	1,683,332.7322	1,591,721.2035	
4015	1,683,386.0855	1,591,635.6481	
4016	1,683,365.9459	1,591,574.6154	
4017	1,683,308.2157	1,591,602.5789	
4018	1,683,354.4903	1,591,515.9486	
4019	1,683,290.4966	1,591,516.8437	

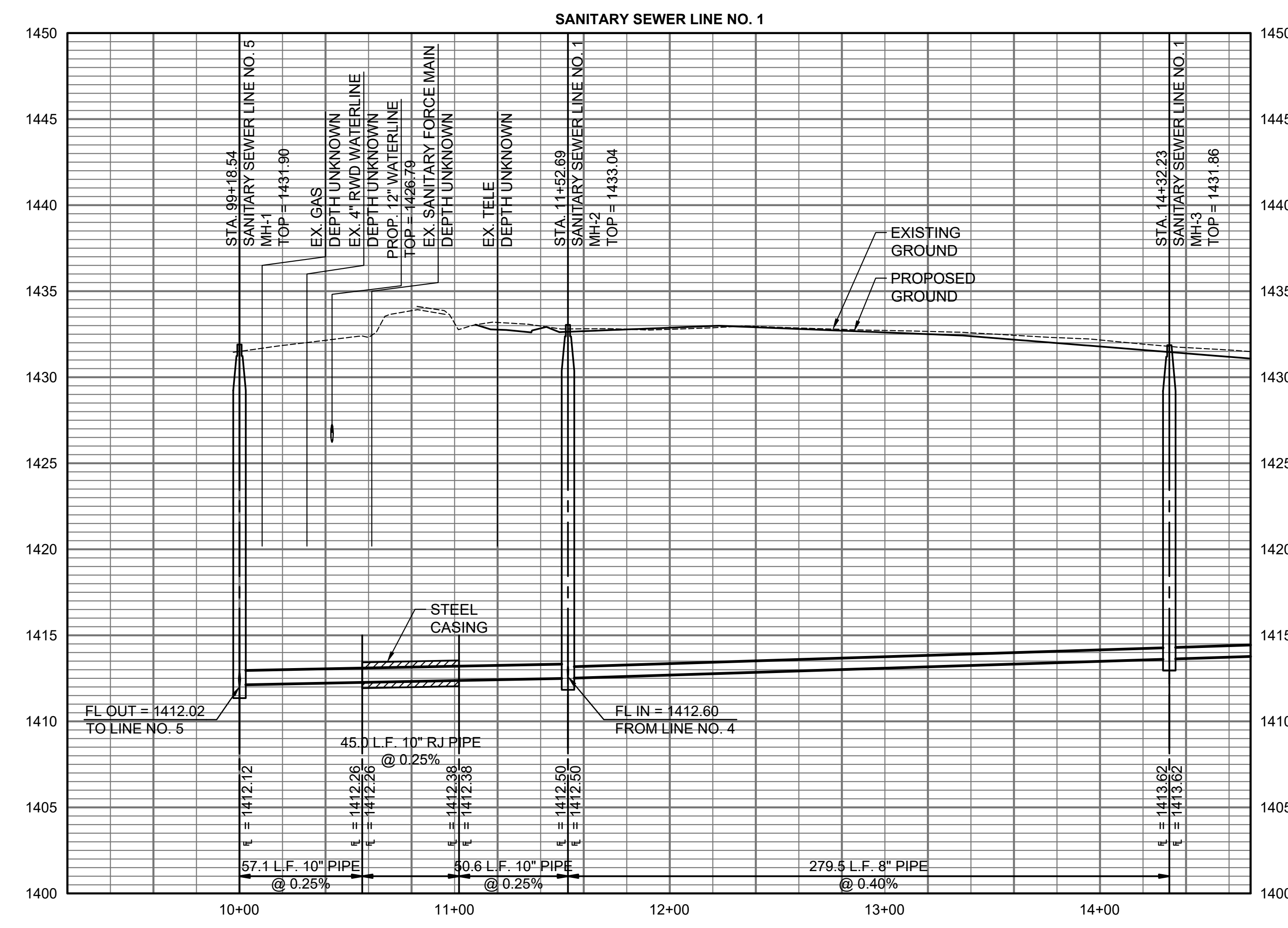
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POINT	NORTHING	EASTING	
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4021	1,683,283.7926	1,591,037.5522	
4022	1,683,404.9695	1,590,977.8518	
4023	1,683,404.0744	1,590,913.8581	
4024	1,683,566.4537	1,590,975.5931	
4025	1,683,565.5586	1,590,911.5994	
4026	1,683,563.0901	1,590,735.1174	
4027	1,683,627.0727	1,590,734.2208	
4028	1,683,504.2846	1,590,677.9342	
4029	1,683,503.3895	1,590,613.9405	

COORDINATE LIST			
POINT	NORTHING	EASTING	
4030	1,683,498.0001	1,590,678.0221	
4031	1,683,497.1050	1,590,614.0284	
4032	1,683,633.3215	1,591,180.1786	
4033	1,683,634.2166	1,591,244.1724	
4034	1,683,637.3859	1,591,470.7534	
4035	1,683,573.3921	1,591,471.6485	
4036	1,683,535.1175	1,591,601.2106	
4037	1,683,520.7084	1,591,538.8537	

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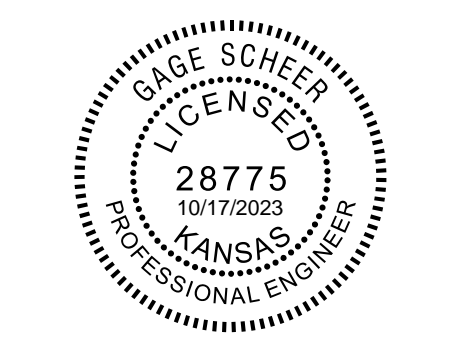
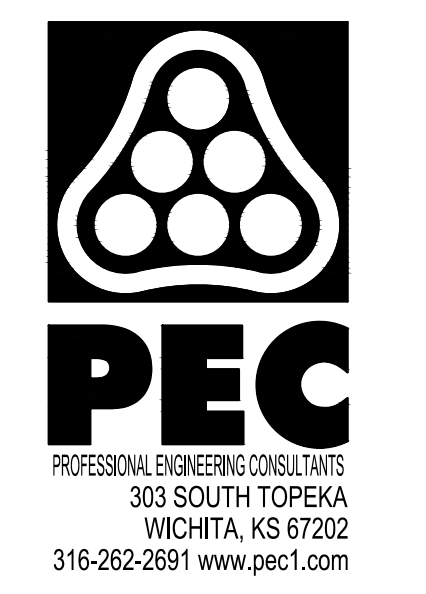
- LEGEND**
- (5500) - SEE SHEET NO. CU-100 FOR SANITARY SEWER COORDINATES (TYP.)
 - ① - DENOTES SEWER SERVICE. SEE THIS SHEET FOR SEWER SERVICE SCHEDULE AND SHEET NO. CU-503 FOR DETAILS.



SANITARY SEWER RISER TABLE								
NUMBER	TYPE	LOT NO.	BLOCK NO.	LINE NO.	STATION	DIRECTION	APPROXIMATE VERTICAL (FT)	APPROXIMATE HORIZONTAL (FT)
1	4" TEE	38	A	1	11+68	RT	16	9
2	4" TEE	38	A	1	11+96	RT	16	9
3	4" TEE	37	A	1	12+48	RT	16	9
4	4" TEE	37	A	1	12+76	RT	16	9
5	4" TEE	36	A	1	13+17	RT	15	9
6	4" TEE	36	A	1	13+45	RT	15	9
7	4" TEE	35	A	1	13+85	RT	14	9
8	4" TEE	35	A	1	14+13	RT	14	9

Riser Number	Distance from	
	Upstream MH	Downstream MH
1	15'	264'
2	43'	236'
3	95'	184'
4	123'	156'
5	164'	115'
6	192'	87'
7	232'	47'
8	260'	19'

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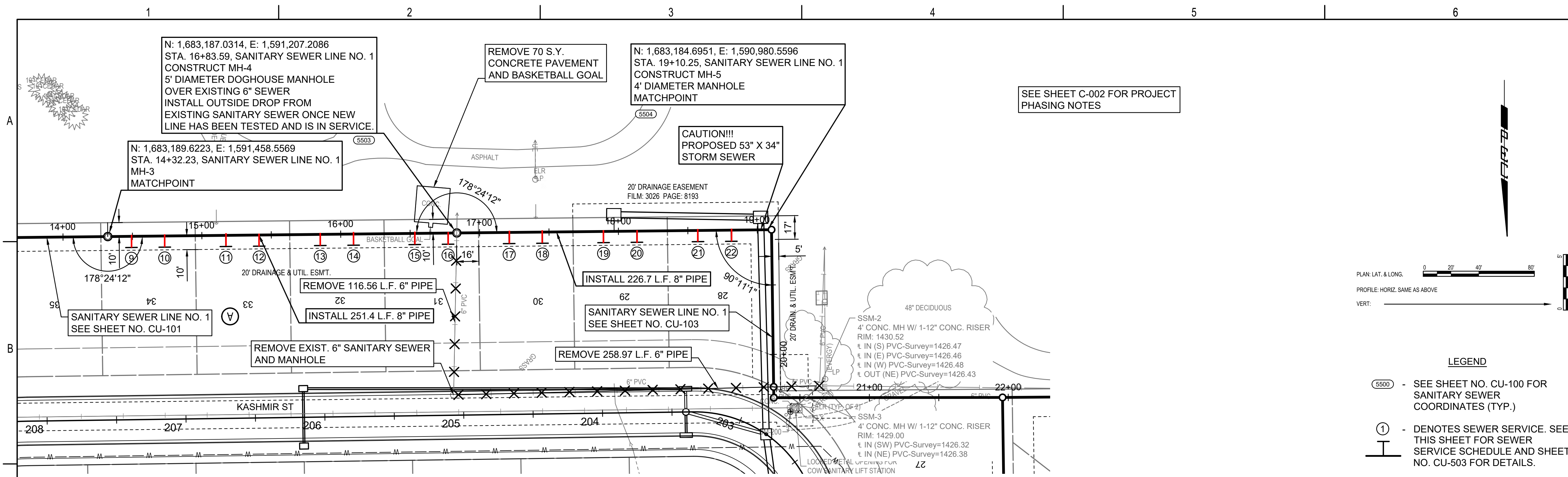


SANITARY SEWER IMPROVEMENTS
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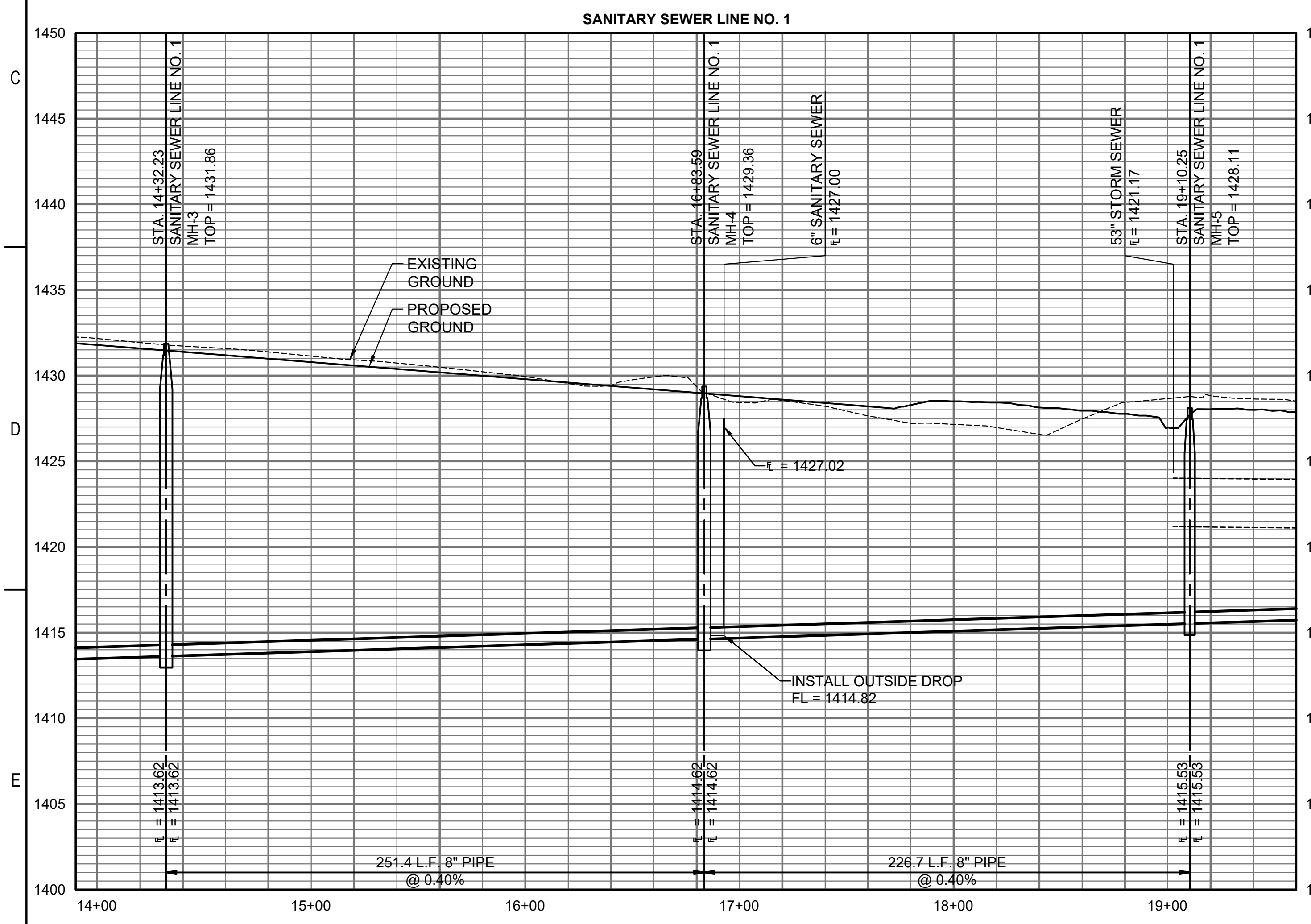
PAUL GUNZELMAN, P.E. - CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2023-016041

JOB NO.	210975-006
DATE	SEPTEMBER 2023
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DESIGNED BY	JJH
DRAWN BY	AJH
CHECKED BY	GAS

SANITARY SEWER LINE NO. 1

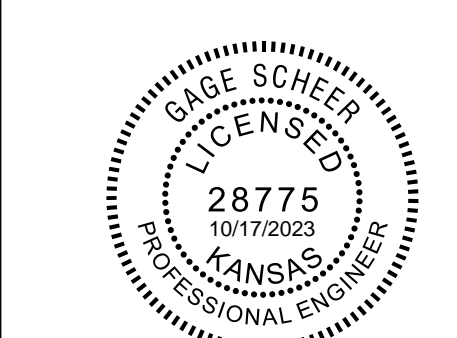
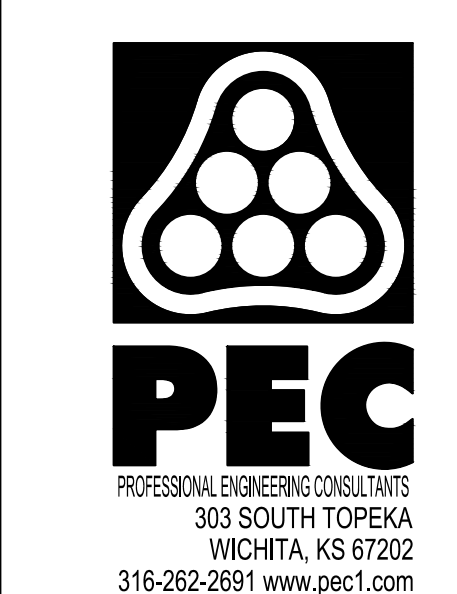


- LEGEND**
- (5500) - SEE SHEET NO. CU-100 FOR SANITARY SEWER COORDINATES (TYP.)
 - ① - DENOTES SEWER SERVICE. SEE THIS SHEET FOR SEWER SERVICE SCHEDULE AND SHEET NO. CU-503 FOR DETAILS.
 - X - DENOTES SANITARY SEWER TO BE REMOVED.



SANITARY SEWER RISER TABLE								
NUMBER	TYPE	LOT NO.	BLOCK NO.	LINE NO.	STATION	DIRECTION	APPROXIMATE VERTICAL (FT)	APPROXIMATE HORIZONTAL (FT)
9	4" TEE	34	A	1	14+49	RT	14	9
10	4" TEE	34	A	1	14+73	RT	13	9
11	4" TEE	33	A	1	15+17	RT	13	9
12	4" TEE	33	A	1	15+41	RT	12	9
13	4" TEE	32	A	1	15+85	RT	12	9
14	4" TEE	32	A	1	16+09	RT	11	9
15	4" TEE	31	A	1	16+53	RT	11	9
16	4" TEE	31	A	1	16+77	RT	10	9
17	4" TEE	30	A	1	17+21	RT	10	9
18	4" TEE	30	A	1	17+45	RT	10	9
19	4" TEE	29	A	1	17+89	RT	9	9
20	4" TEE	29	A	1	18+13	RT	9	9
21	4" TEE	28	A	1	18+57	RT	9	9
22	4" TEE	28	A	1	18+81	RT	8	9

Riser Number	Distance from Main to Riser (Lt./Rt.)	Distance from	
		Upstream MH	Downstream MH
9	9' Rt.	17'	229'
10	9' Rt.	41'	205'
11	9' Rt.	85'	161'
12	9' Rt.	109'	137'
13	9' Rt.	153'	93'
14	9' Rt.	177'	69'
15	9' Rt.	221'	25'
16	9' Rt.	243'	3'
17	9' Rt.	43'	189'
18	9' Rt.	67'	165'
19	9' Rt.	111'	121'
20	9' Rt.	135'	97'
21	9' Rt.	179'	53'
22	9' Rt.	203'	29'



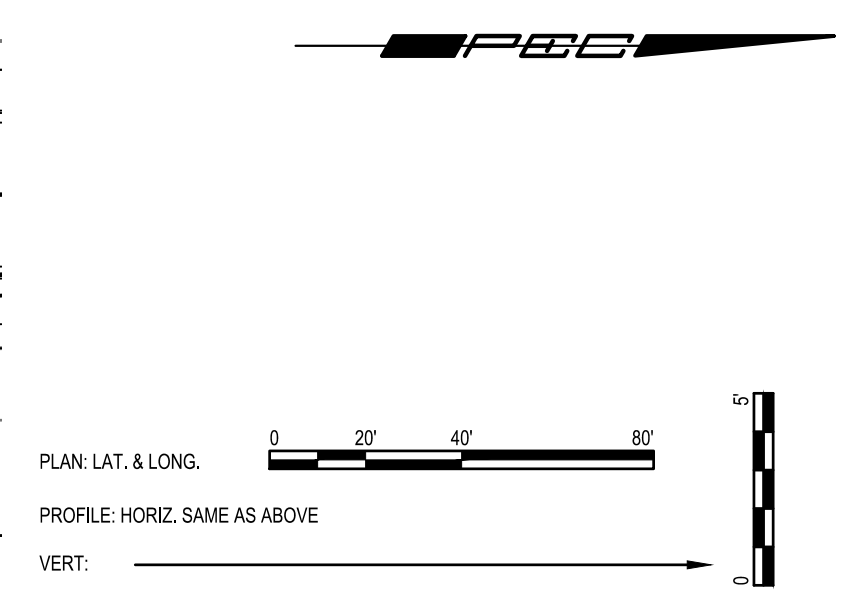
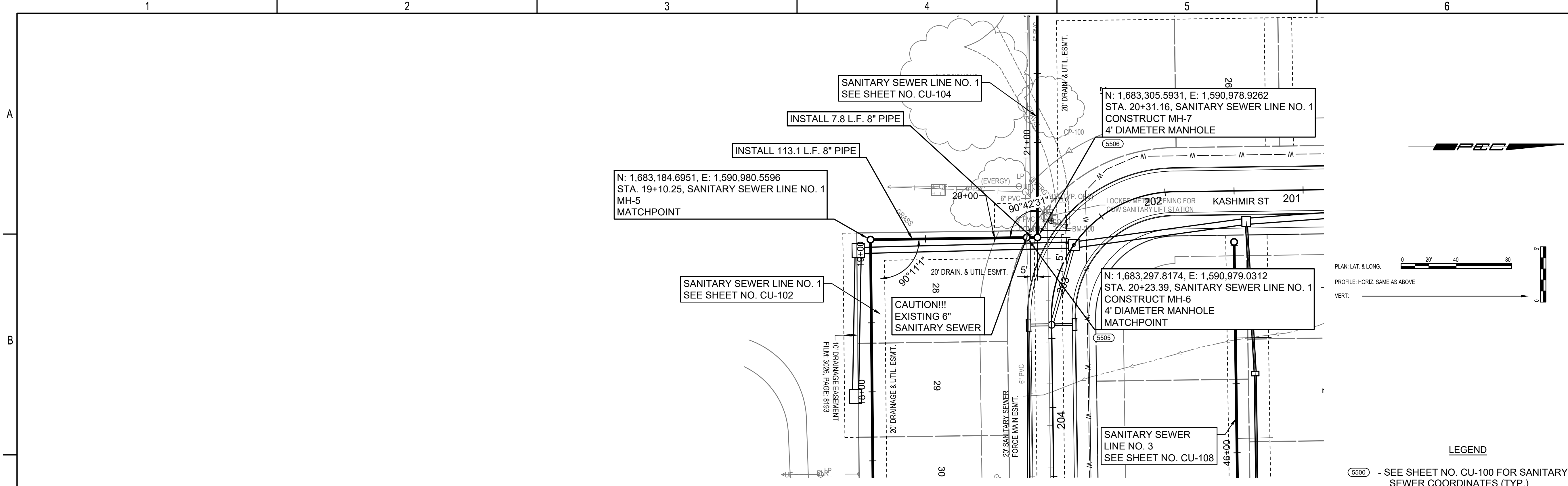
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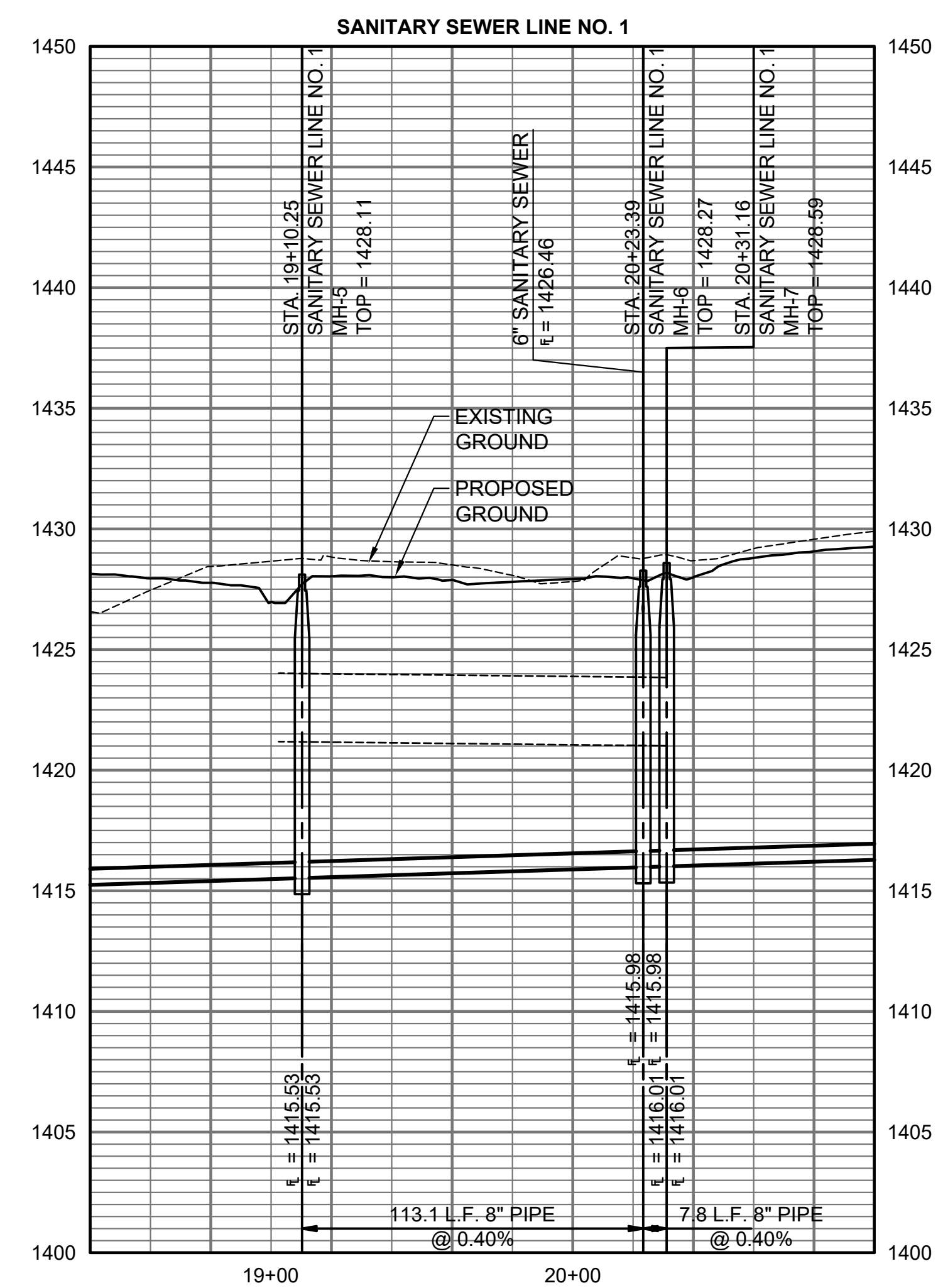
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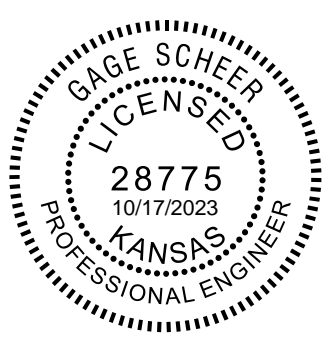
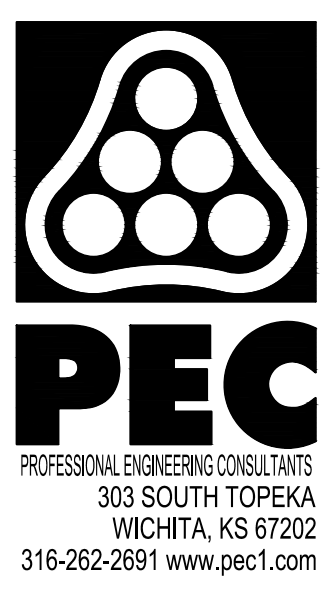
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- LEGEND**
- (5500) - SEE SHEET NO. CU-100 FOR SANITARY SEWER COORDINATES (TYP.)
 - (1) - DENOTES SEWER SERVICE. SEE THIS SHEET FOR SEWER SERVICE SCHEDULE AND SHEET NO. CU-503 FOR DETAILS.



SEE SHEET C-002 FOR PROJECT PHASING NOTES

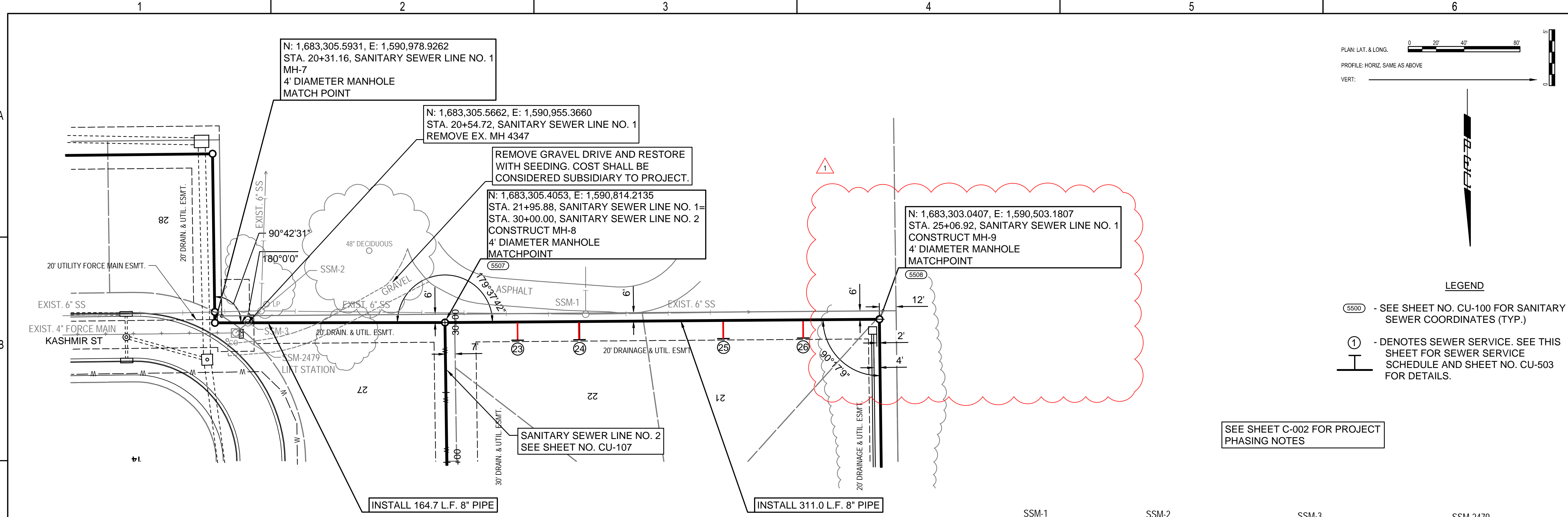


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SANITARY SEWER LINE NO. 1

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LEGEND

(5500) - SEE SHEET NO. CU-100 FOR SANITARY SEWER COORDINATES (TYP.)

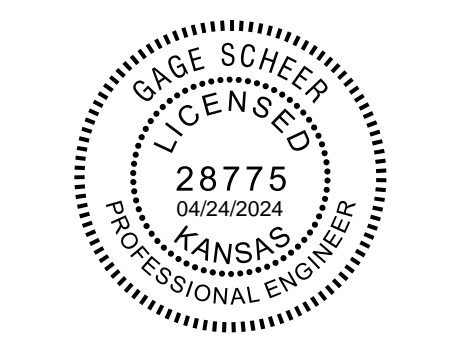
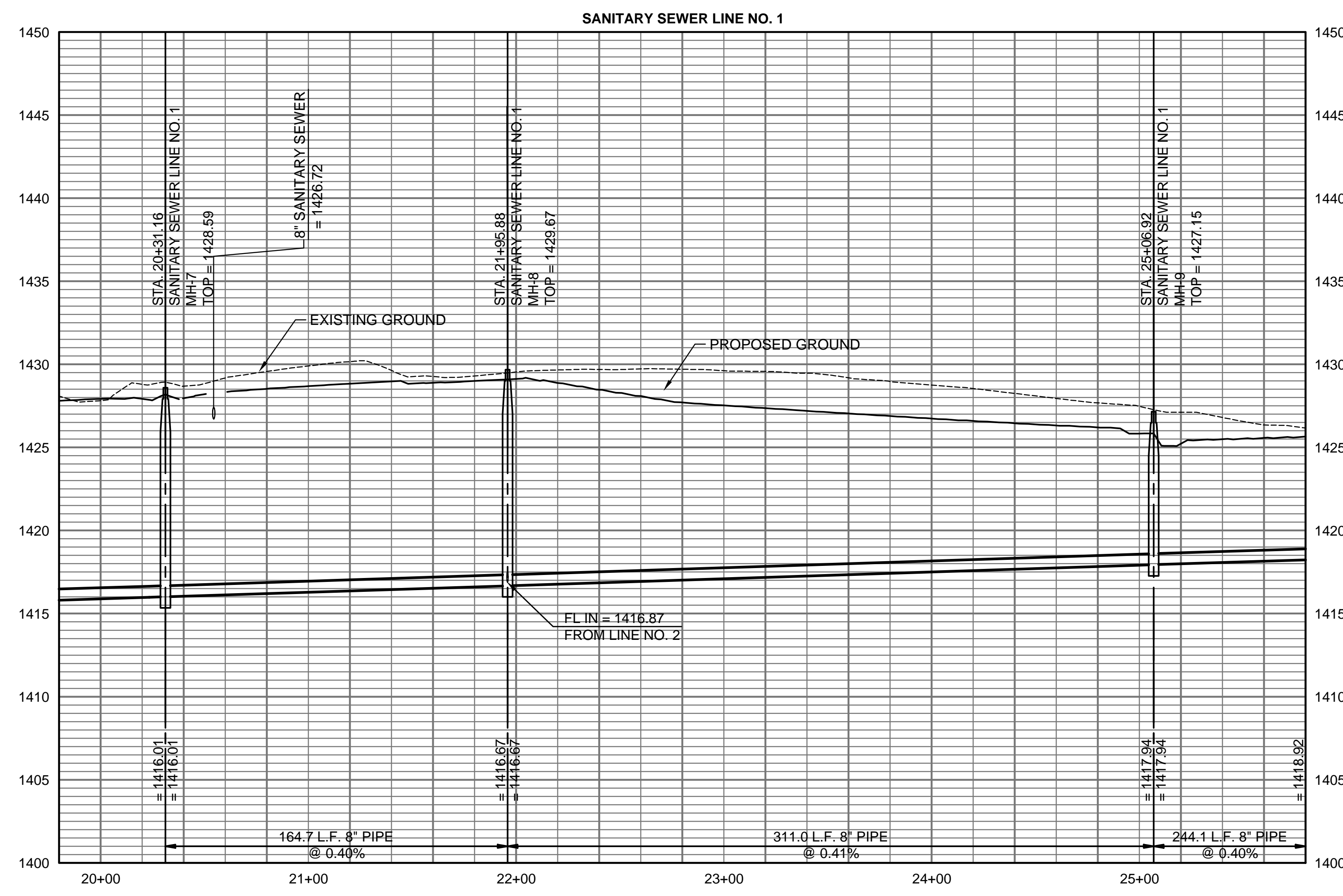
① - DENOTES SEWER SERVICE. SEE THIS SHEET FOR SEWER SERVICE SCHEDULE AND SHEET NO. CU-503 FOR DETAILS.

SEE SHEET C-002 FOR PROJECT PHASING NOTES

SSM-1	SSM-2	SSM-3	SSM-2479
4' CONC. MH W/ NO RISER	4' CONC. MH W/ 1-12" CONC. RISER	4' CONC. MH W/ 1-12" CONC. RISER	LIFT STATION
RIM: 1430.19	RIM: 1430.52	RIM: 1429.00	NO ACCESS, LOCKED MH
IN (W) 4" PVC=1427.34	IN (S) 6" PVC=1426.47	IN (SW) 6" PVC=1426.32	TOP OF SEWER VALVE=1426.63
IN (S) 4" PVC=1427.35	IN (E) 6" PVC=1426.46	IN (NE) 6" PVC=1426.38	RIM: 1429.21
IN (W) 4" PVC=1427.34	IN (W) 6" PVC=1426.48		
IN (S) 4" PVC=1427.35	OUT (NE) 6" PVC=1426.43		

NUMBER	TYPE	LOT NO.	BLOCK NO.	LINE NO.	STATION	DIRECTION	APPROXIMATE VERTICAL (FT)	APPROXIMATE HORIZONTAL (FT)
23	4" TEE	22	A	1	22+51	RT	8	14
24	4" TEE	22	A	1	22+95	RT	7	14
25	4" TEE	21	A	1	23+98	RT	6	14
26	4" TEE	21	A	1	24+55	RT	5	14

Riser Number	Distance from Main to Riser (Lt./Rt.)	Distance from	
		Upstream MH	Downstream MH
23	14' Rt.	55'	262'
24	14' Rt.	99'	218'
25	14' Rt.	202'	118'
26	14' Rt.	259'	58'



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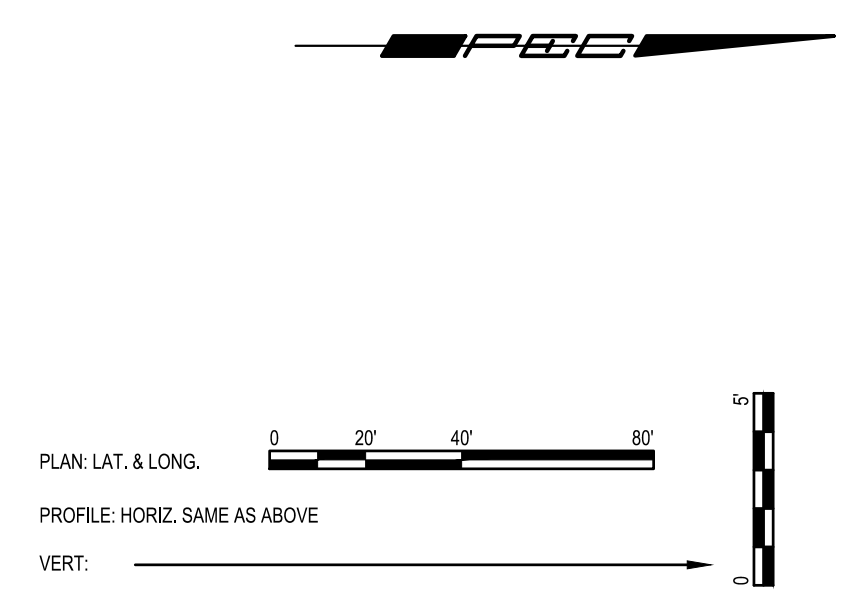
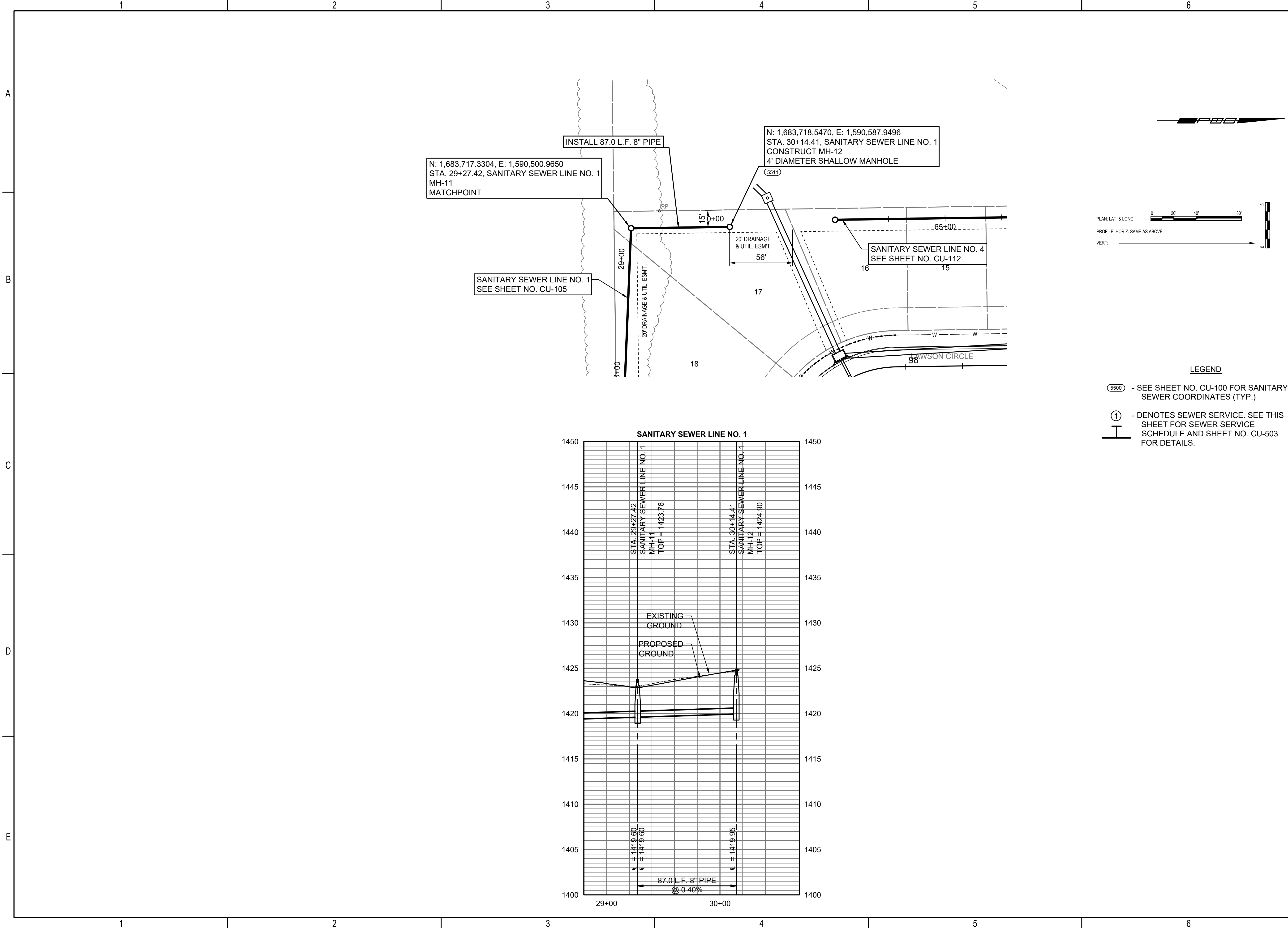
PAUL GUNZELMAN, P.E. - CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2023-016041

NO.	DESCRIPTION	DATE
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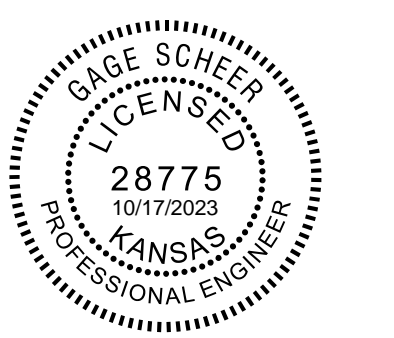
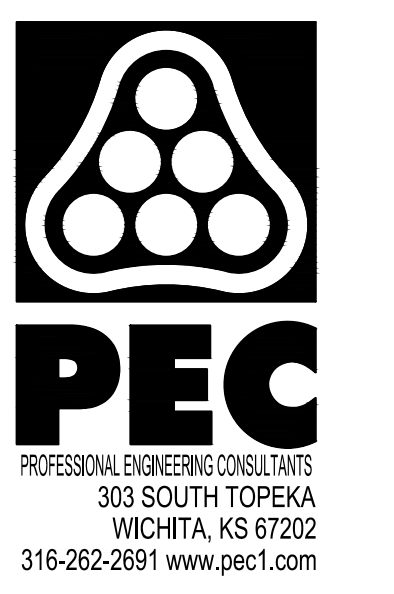
JOB NO.	210975-006
DATE	SEPTEMBER 2023
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CHECKED BY	GAS

SANITARY SEWER LINE NO. 1

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- LEGEND**
- 5500 - SEE SHEET NO. CU-100 FOR SANITARY SEWER COORDINATES (TYP.)
 - 1 - DENOTES SEWER SERVICE. SEE THIS SHEET FOR SEWER SERVICE SCHEDULE AND SHEET NO. CU-503 FOR DETAILS.

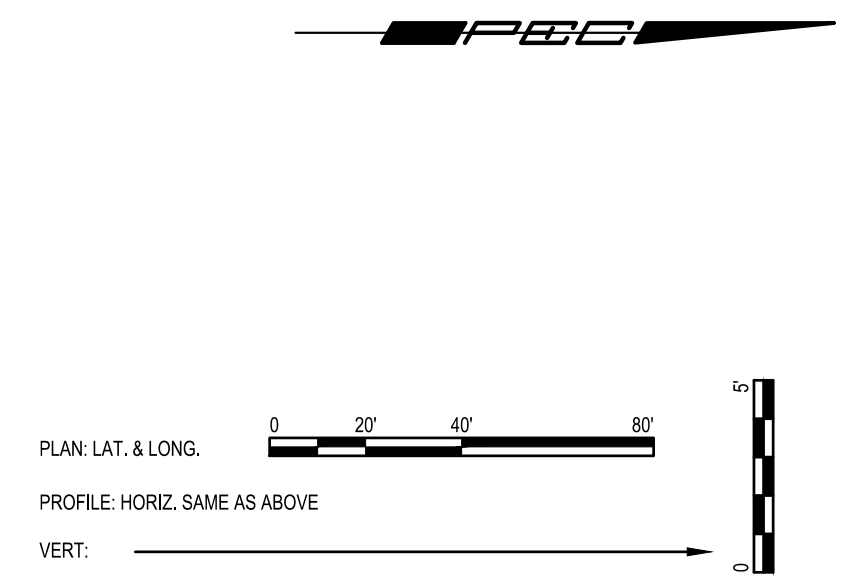
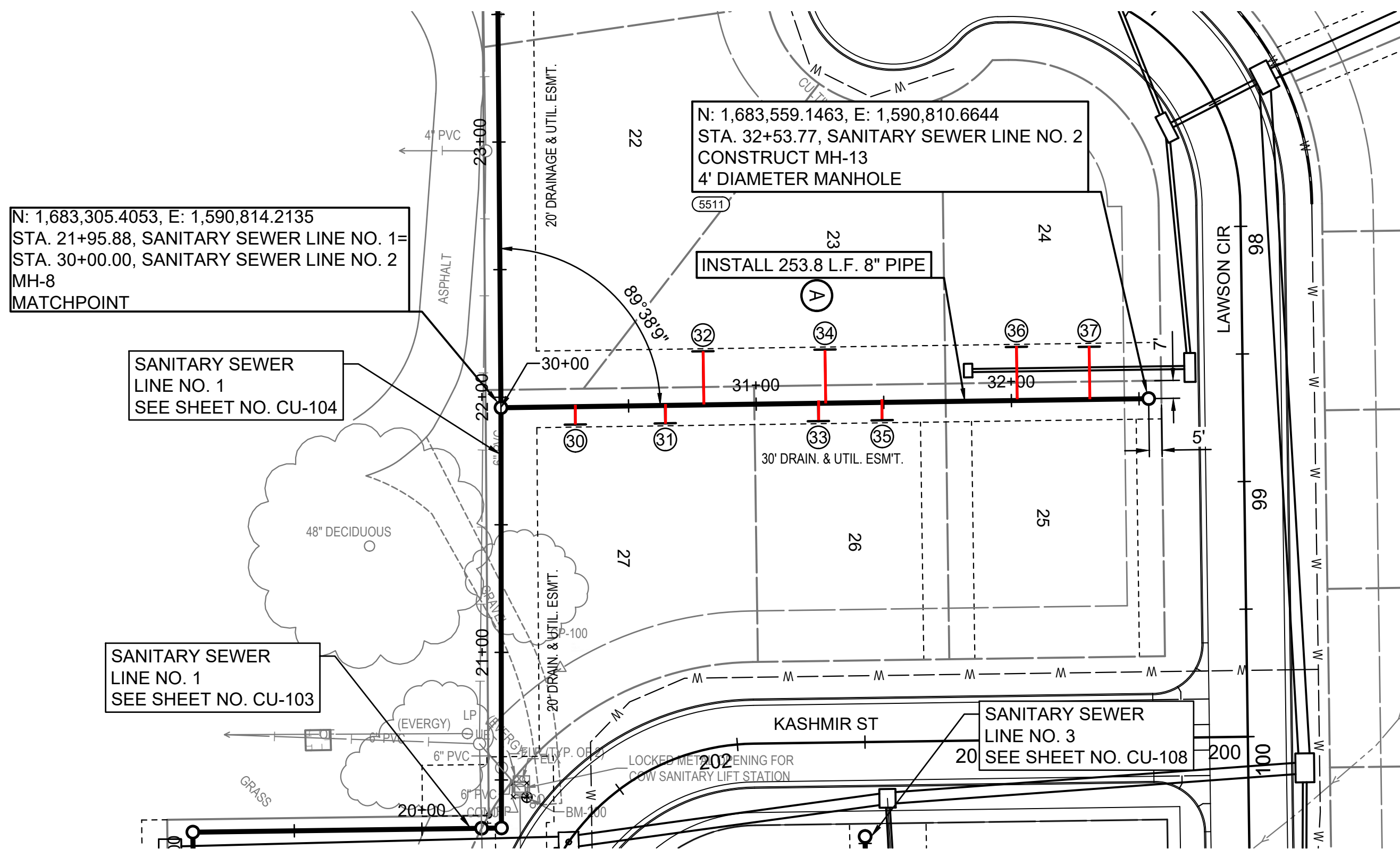


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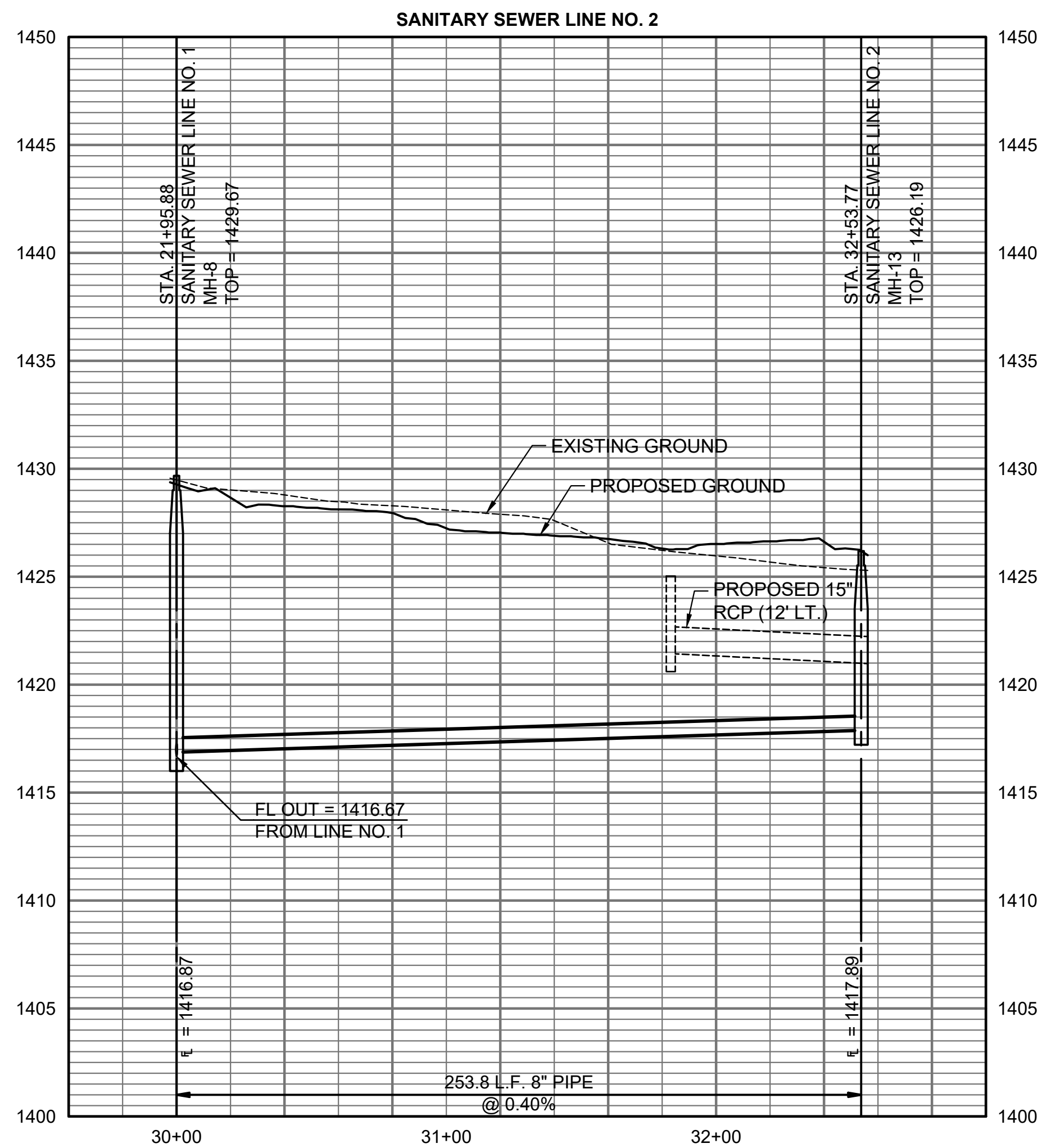
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SANITARY SEWER LINE NO. 1

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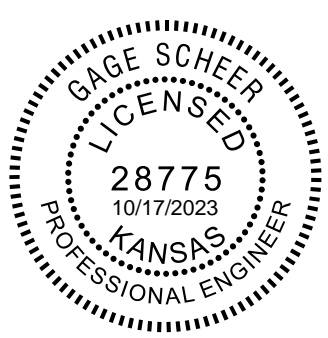


- LEGEND**
- 5500 - SEE SHEET NO. CU-100 FOR SANITARY SEWER COORDINATES (TYP.)
 - ① - DENOTES SEWER SERVICE. SEE THIS SHEET FOR SEWER SERVICE SCHEDULE AND SHEET NO. CU-503 FOR DETAILS.



SANITARY SEWER RISER TABLE								
NUMBER	TYPE	LOT NO.	BLOCK NO.	LINE NO.	STATION	DIRECTION	APPROXIMATE VERTICAL (FT)	APPROXIMATE HORIZONTAL (FT)
30	4" TEE	27	A	2	30+29	RT	7	8
31	4" TEE	27	A	2	30+64	RT	7	22
32	4" TEE	23	A	2	30+79	LT	7	8
33	4" TEE	26	A	2	31+24	RT	6	22
34	4" TEE	23	A	2	31+27	LT	6	8
35	4" TEE	26	A	2	31+49	RT	5	8
36	4" TEE	24	A	2	32+02	LT	5	8
37	4" TEE	24	A	2	32+30	LT	5	8

Riser Number	Distance from Main to Riser (Lt./Rt.)	Distance from	
		Upstream MH	Downstream MH
30	8' Rt.	29'	225'
31	8' Rt.	64'	190'
32	22' Lt.	79'	175'
33	8' Rt.	124'	130'
34	22' Lt.	127'	127'
35	8' Rt.	149'	105'
36	22' Lt.	202'	52'
37	22' Lt.	230'	24'



SANITARY SEWER IMPROVEMENTS

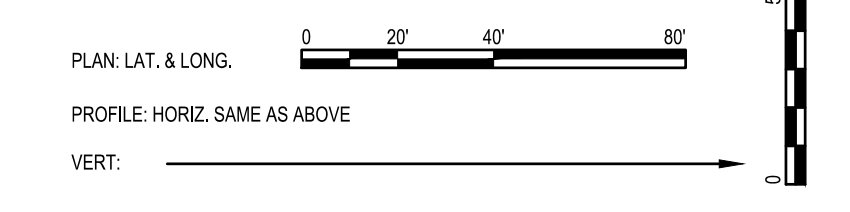
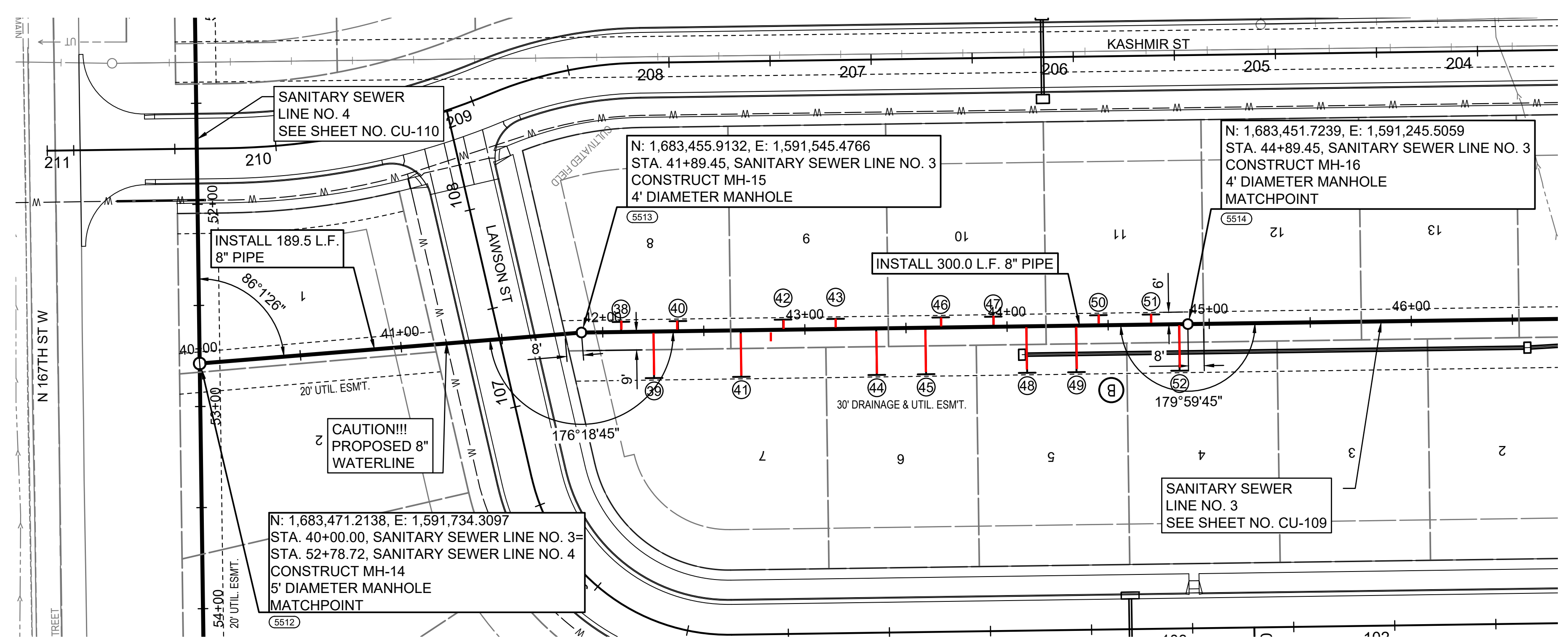
TO SERVE
 CYPRESS GLEN ADDITION

PAUL GUNZELMAN, P.E. - CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2023-016041

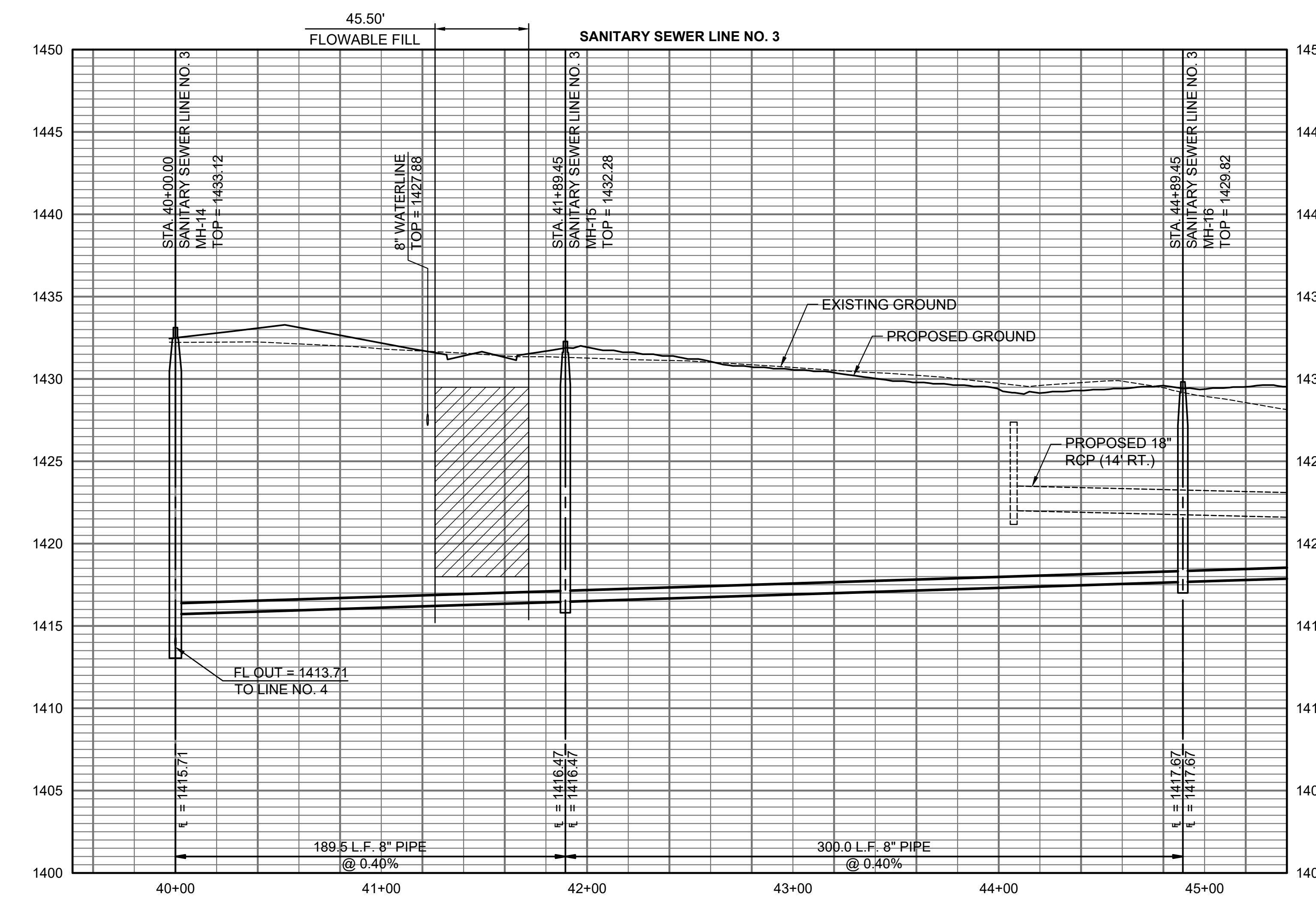
JOB NO.	210975-006
DATE	SEPTEMBER 2023
PM	GAS
DESIGNED BY	JJH
DRAWN BY	AJH
CHECKED BY	GAS

SANITARY SEWER LINE NO. 2

CU-107
 11 OF 27



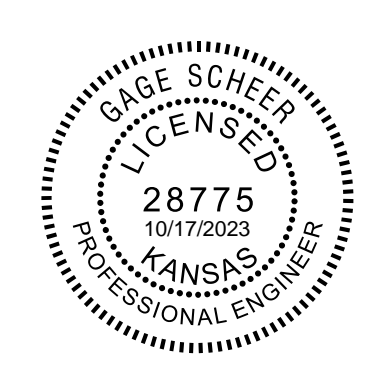
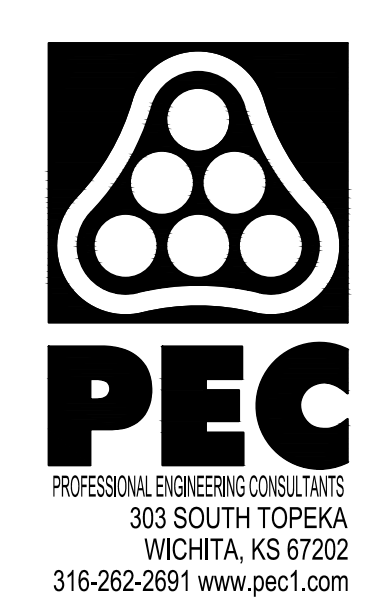
- LEGEND**
- 5500 - SEE SHEET NO. CU-100 FOR SANITARY SEWER COORDINATES (TYP.)
 - ① - DENOTES SEWER SERVICE. SEE THIS SHEET FOR SEWER SERVICE SCHEDULE AND SHEET NO. CU-503 FOR DETAILS.



SANITARY SEWER RISER TABLE								
NUMBER	TYPE	LOT NO.	BLOCK NO.	LINE NO.	STATION	DIRECTION	APPROXIMATE VERTICAL (FT)	APPROXIMATE HORIZONTAL (FT)
38	4" TEE	8	B	3	42+09	LT	11	6
39	4" TEE	7	B	3	42+25	RT	11	24
40	4" TEE	8	B	3	42+37	LT	11	6
41	4" TEE	7	B	3	42+68	RT	10	24
42	4" TEE	9	B	3	42+89	LT	10	6
43	4" TEE	9	B	3	43+15	LT	9	6
44	4" TEE	6	B	3	43+35	RT	9	24
45	4" TEE	6	B	3	43+59	RT	9	24
46	4" TEE	10	B	3	43+67	LT	7	6
47	4" TEE	10	B	3	43+93	LT	8	6
48	4" TEE	5	B	3	44+10	RT	8	24
49	4" TEE	5	B	3	44+34	RT	8	24
50	4" TEE	11	B	3	44+45	LT	8	6
51	4" TEE	11	B	3	44+71	LT	8	6
52	4" TEE	4	B	3	44+85	RT	8	24

Riser Number	Distance from Main to Riser (Lt./Rt.)	Distance from	
		Upstream MH	Downstream MH
38	6' Lt.	20'	280'
39	24' Rt.	36'	264'
40	6' Lt.	48'	252'
41	24' Rt.	79'	221'
42	6' Lt.	100'	200'
43	6' Lt.	126'	174'
44	24' Rt.	146'	154'
45	24' Rt.	170'	130'
46	6' Lt.	178'	122'
47	6' Lt.	204'	196'
48	24' Rt.	221'	79'
49	24' Rt.	245'	55'
50	6' Lt.	256'	44'
51	6' Lt.	282'	18'
52	24' Rt.	296'	4'

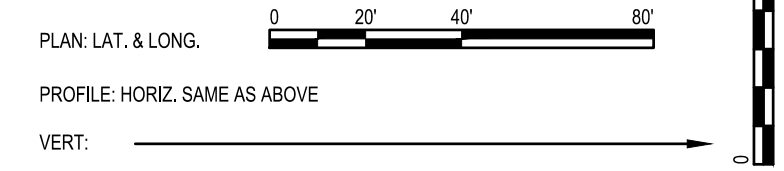
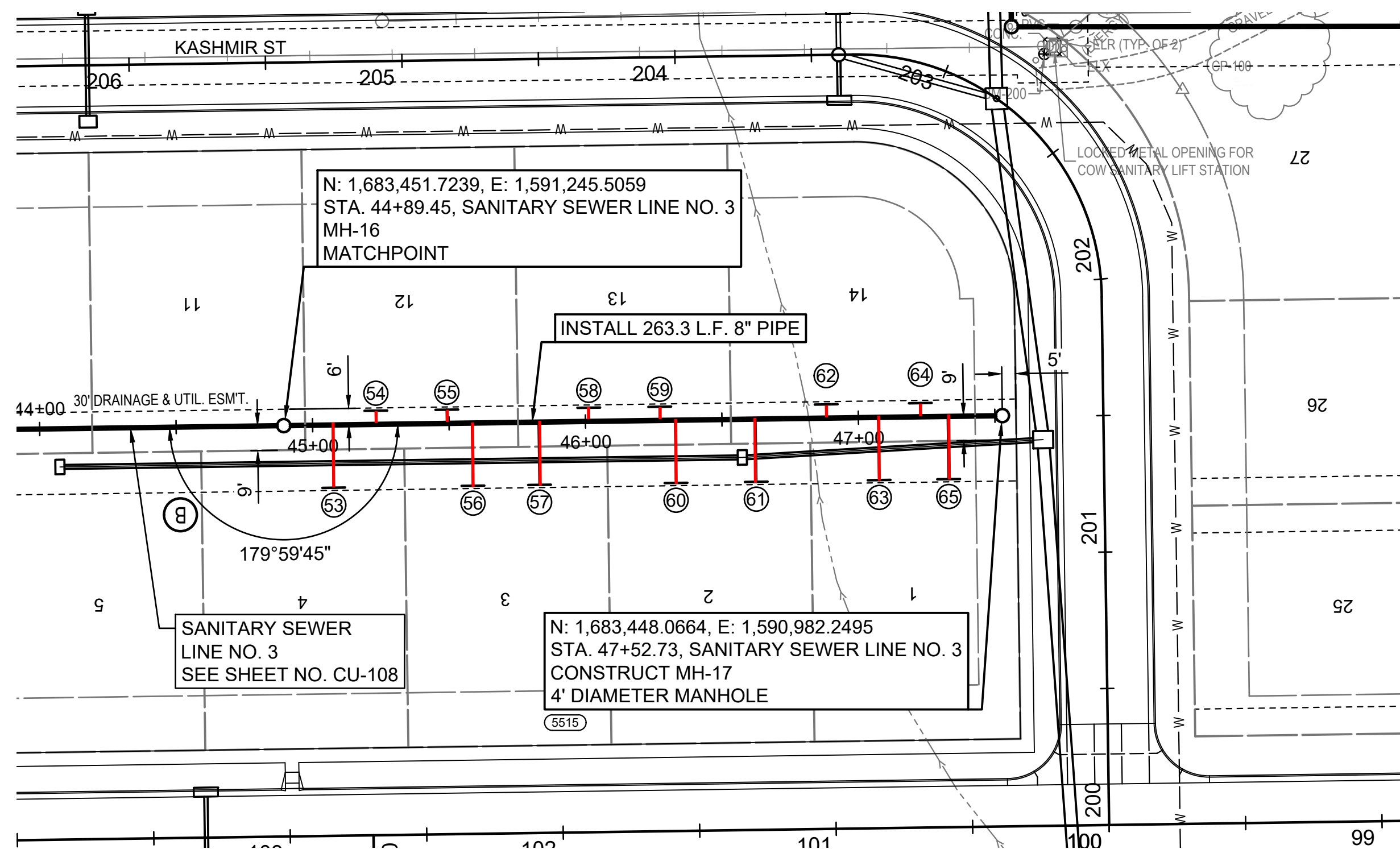
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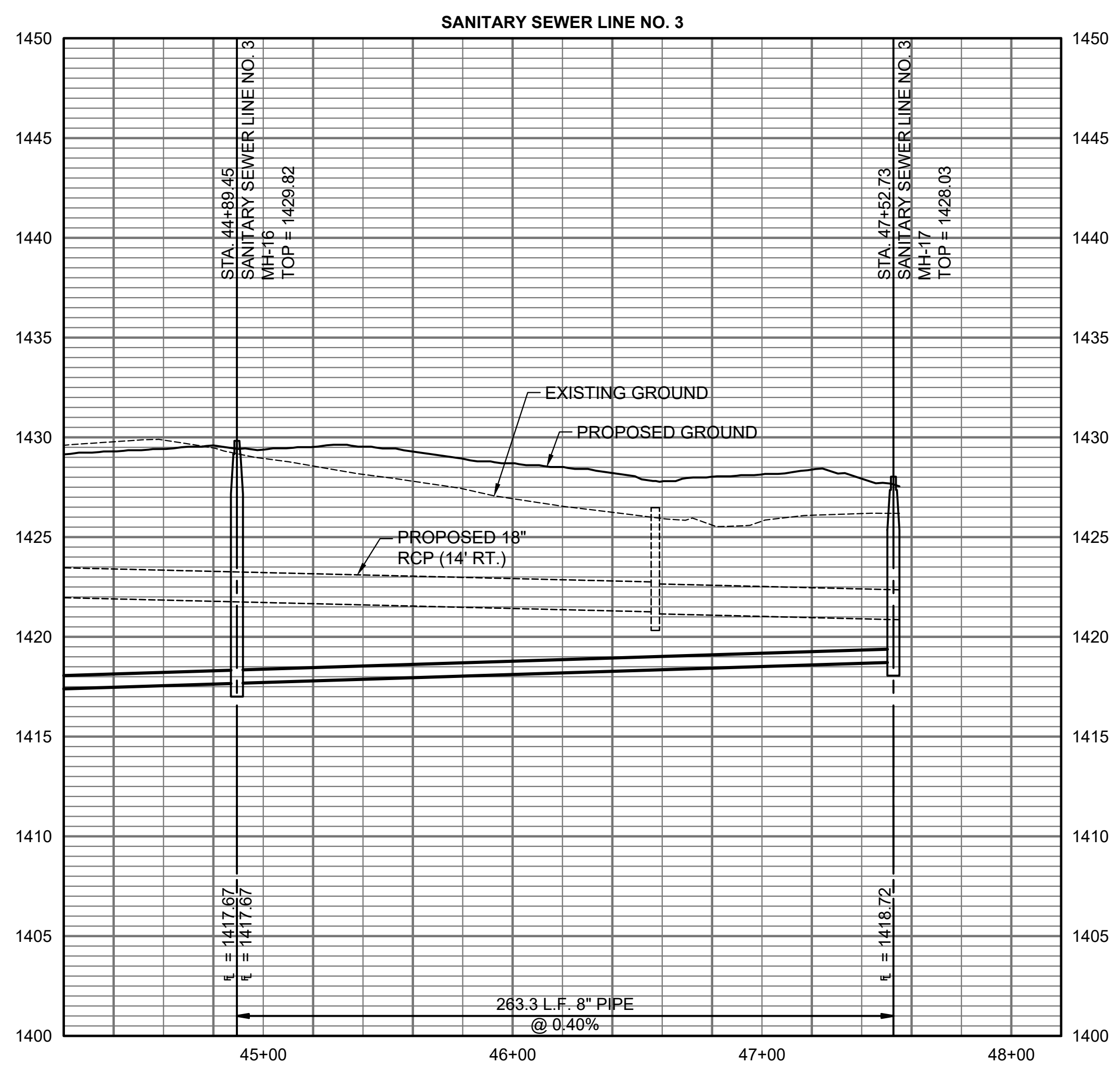
SANITARY SEWER IMPROVEMENTS
 TO SERVE
CYPRESS GLEN ADDITION
 PAUL GUNZELMAN, P.E. - CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2023-016041

JOB NO.	210975-006
DATE	SEPTEMBER 2023
PM	GAS
DESIGNED BY	JJH
DRAWN BY	AJH
CHECKED BY	GAS

SANITARY SEWER LINE NO. 3

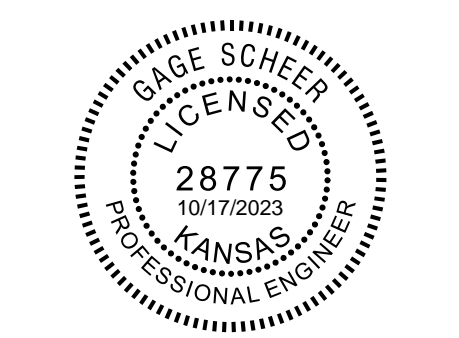


- LEGEND**
- 5500 - SEE SHEET NO. CU-100 FOR SANITARY SEWER COORDINATES (TYP.)
 - ① - DENOTES SEWER SERVICE. SEE THIS SHEET FOR SEWER SERVICE SCHEDULE AND SHEET NO. CU-503 FOR DETAILS.



SANITARY SEWER RISER TABLE								
NUMBER	TYPE	LOT NO.	BLOCK NO.	LINE NO.	STATION	DIRECTION	APPROXIMATE VERTICAL (FT)	APPROXIMATE HORIZONTAL (FT)
53	4" TEE	4	B	3	45+07	RT	8	24
54	4" TEE	12	B	3	45+23	LT	8	6
55	4" TEE	12	B	3	45+29	LT	8	6
56	4" TEE	3	B	3	45+58	RT	7	24
57	4" TEE	3	B	3	45+82	RT	7	24
58	4" TEE	13	B	3	46+01	LT	7	6
59	4" TEE	13	B	3	46+27	LT	6	6
60	4" TEE	2	B	3	46+33	RT	6	24
61	4" TEE	2	B	3	46+62	RT	6	24
62	4" TEE	14	B	3	46+88	LT	6	6
63	4" TEE	1	B	3	47+07	RT	6	24
64	4" TEE	14	B	3	47+22	LT	6	6
65	4" TEE	1	B	3	47+32	RT	6	24

Riser Number	Distance from Main to Riser (Lt./Rt.)	Distance from	
		Upstream MH	Downstream MH
53	24' Rt.	18'	246'
54	6' Lt.	34'	230'
55	6' Lt.	40'	224'
56	24' Rt.	69'	195'
57	24' Rt.	93'	171'
58	6' Lt.	112'	152'
59	6' Lt.	138'	126'
60	24' Rt.	144'	120'
61	24' Rt.	173'	91'
62	6' Lt.	199'	165'
63	24' Rt.	218'	46'
64	6' Lt.	233'	31'
65	24' Rt.	243'	21'



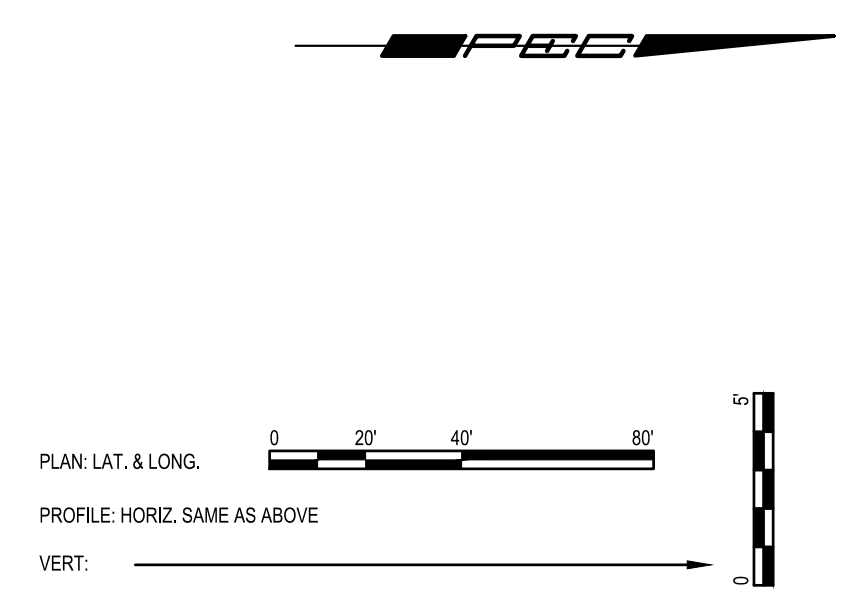
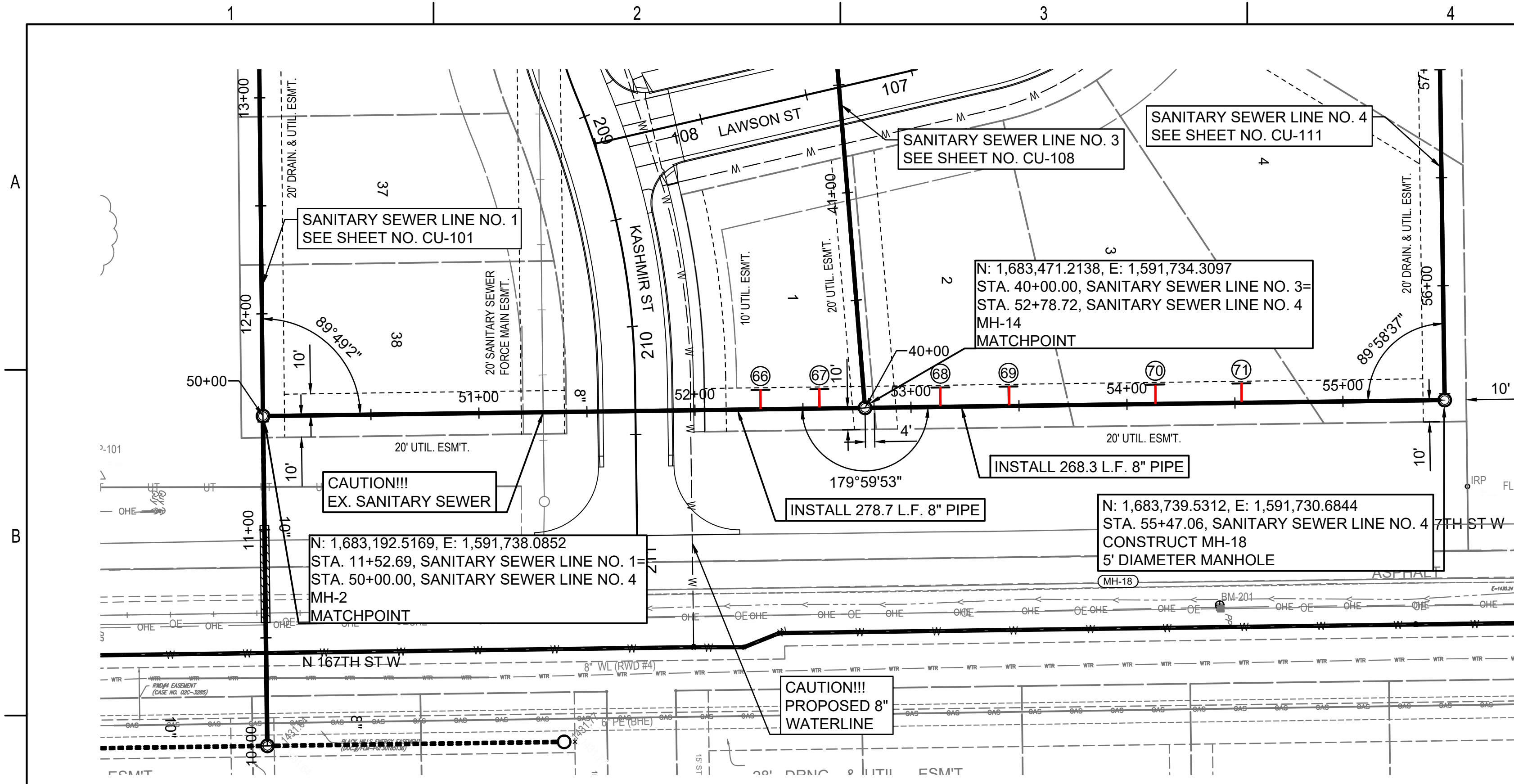
SANITARY SEWER IMPROVEMENTS
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 PAUL GUNZELMAN, P.E. - CITY ENGINEER
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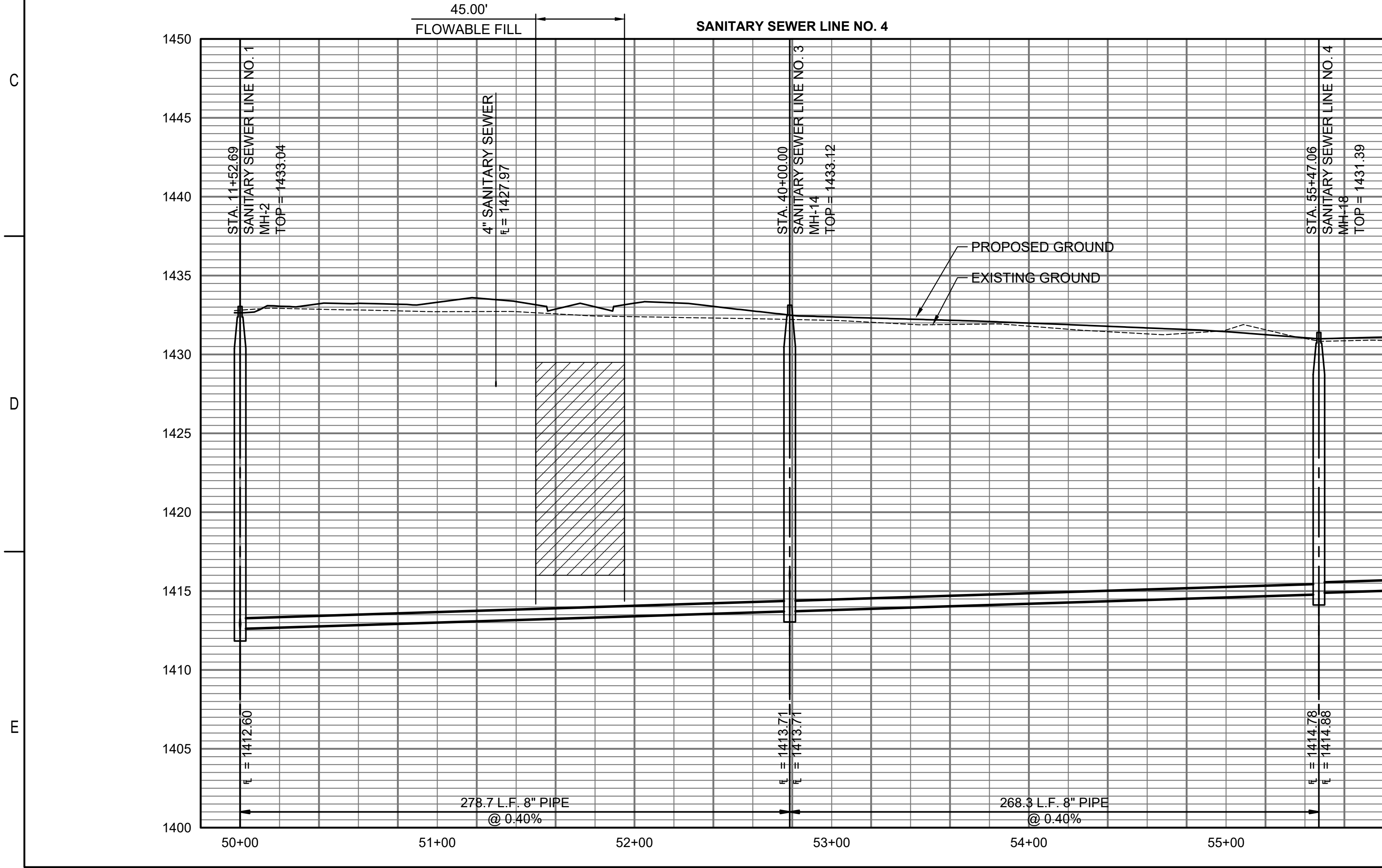
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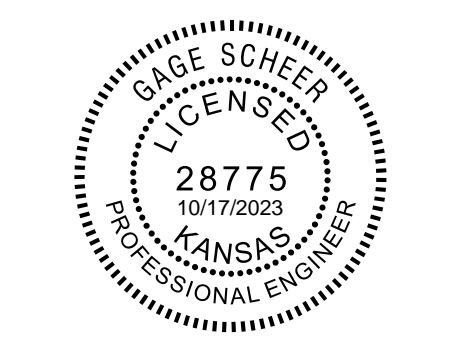


- LEGEND**
- (5500) - SEE SHEET NO. CU-100 FOR SANITARY SEWER COORDINATES (TYP.)
 - ① - DENOTES SEWER SERVICE. SEE THIS SHEET FOR SEWER SERVICE SCHEDULE AND SHEET NO. CU-503 FOR DETAILS.



SANITARY SEWER RISER TABLE								
NUMBER	TYPE	LOT NO.	BLOCK NO.	LINE NO.	STATION	DIRECTION	APPROXIMATE VERTICAL (FT)	APPROXIMATE HORIZONTAL (FT)
66	4" TEE	1	A	4	52+30	LT	16	10
67	4" TEE	1	A	4	52+57	LT	15	10
68	4" TEE	2	A	4	53+13	LT	14	10
69	4" TEE	2	A	4	53+45	LT	14	10
70	4" TEE	3	A	4	54+13	LT	14	10
71	4" TEE	3	A	4	54+53	LT	13	10

Riser Number	Distance from Main to Riser (Lt./Rt.)	Distance from	
		Upstream MH	Downstream MH
66	10' Lt.	230'	49'
67	10' Lt.	257'	22'
68	10' Lt.	234'	34'
69	10' Lt.	202'	66'
70	10' Lt.	134'	134'
71	10' Lt.	94'	174'

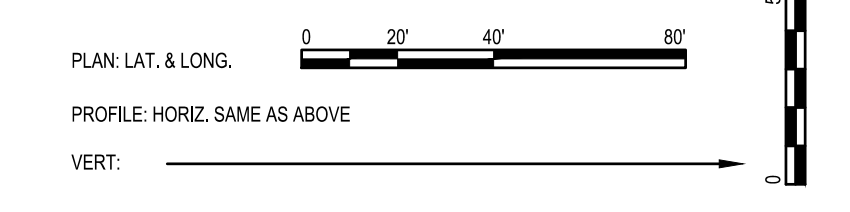
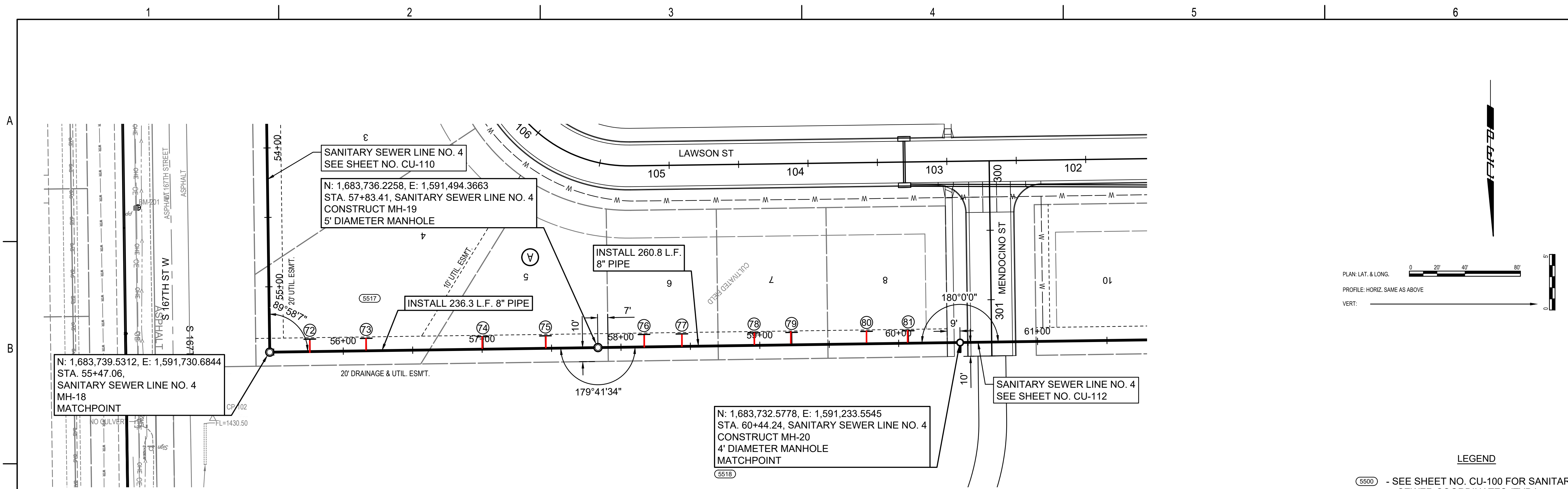


SANITARY SEWER IMPROVEMENTS
 TO SERVE
CYPRESS GLEN ADDITION
 PAUL GUNZELMAN, P.E. - CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2023-016041

JOB NO.	210975-006
DATE	SEPTEMBER 2023
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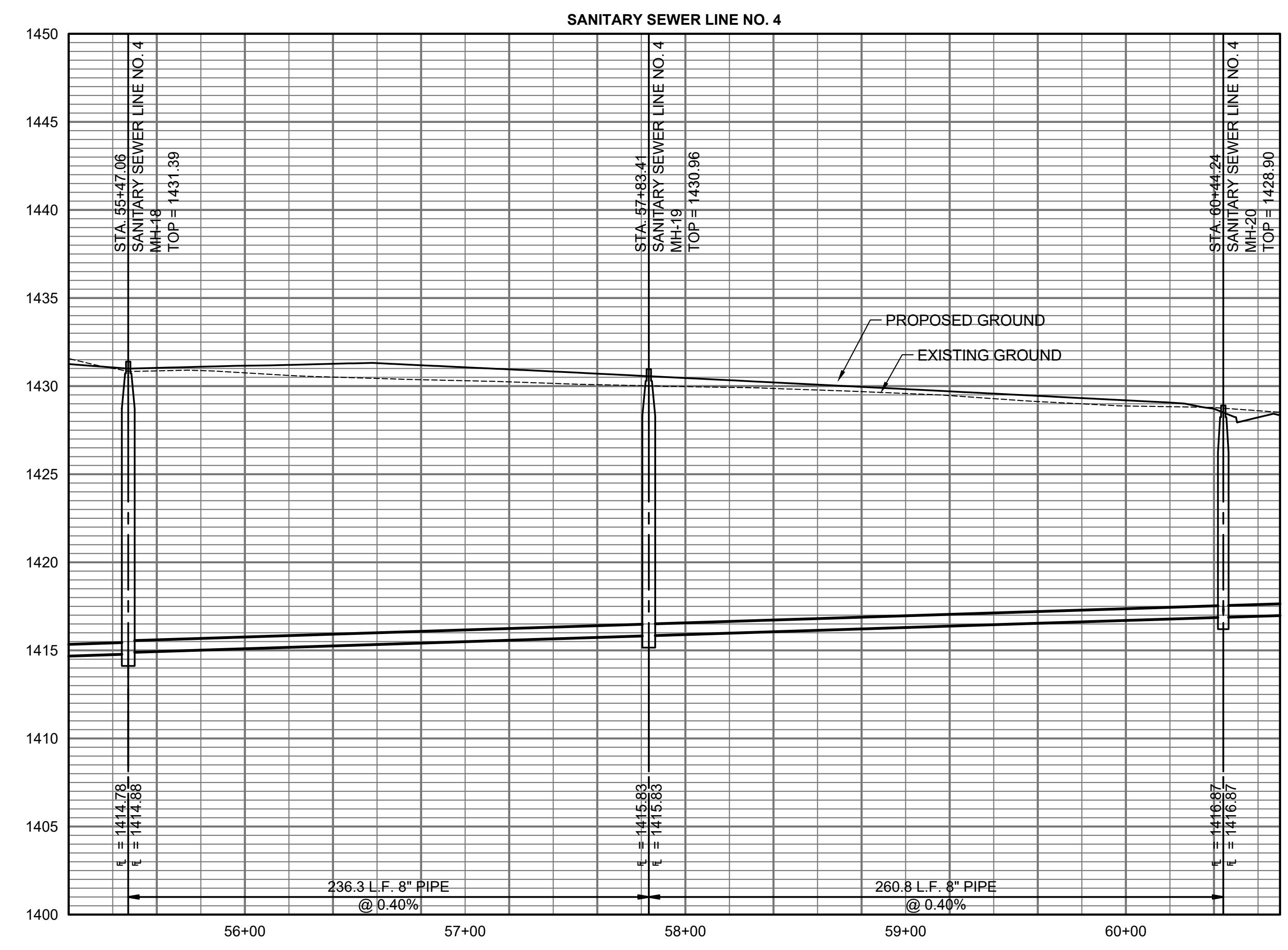
SANITARY SEWER LINE NO. 4

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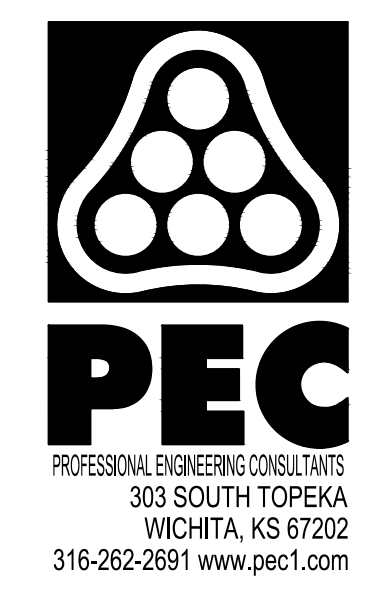
LEGEND

- (5500) - SEE SHEET NO. CU-100 FOR SANITARY SEWER COORDINATES (TYP.)
- (1) - DENOTES SEWER SERVICE. SEE THIS SHEET FOR SEWER SERVICE SCHEDULE AND SHEET NO. CU-503 FOR DETAILS.




SANITARY SEWER RISER TABLE								
NUMBER	TYPE	LOT NO.	BLOCK NO.	LINE NO.	STATION	DIRECTION	APPROXIMATE VERTICAL (FT)	APPROXIMATE HORIZONTAL (FT)
72	4" TEE	4	A	4	55+76	LT	12	10
73	4" TEE	4	A	4	56+17	LT	12	10
74	4" TEE	5	A	4	57+01	LT	12	10
75	4" TEE	5	A	4	57+46	LT	11	10
76	4" TEE	6	A	4	58+17	LT	10	10
77	4" TEE	6	A	4	58+44	LT	10	10
78	4" TEE	7	A	4	58+96	LT	10	10
79	4" TEE	7	A	4	59+23	LT	9	10
80	4" TEE	8	A	4	59+77	LT	9	10
81	4" TEE	8	A	4	60+07	LT	8	10

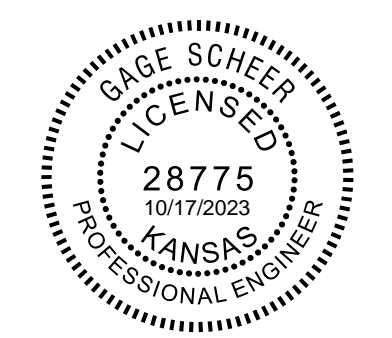
Riser Number	Distance from Main to Riser (Lt./Rt.)	Distance from	
		Upstream MH	Downstream MH
72	10' Lt.	29'	207'
73	10' Lt.	70'	166'
74	10' Lt.	154'	182'
75	10' Lt.	199'	37'
76	10' Lt.	34'	227'
77	10' Lt.	61'	200'
78	10' Lt.	110'	148'
79	10' Lt.	140'	121'
80	10' Lt.	194'	67'
81	10' Lt.	224'	37'



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



CITY OF WICHITA



GAGE SCHEER
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 28775
 10/17/2023
 KANSAS
 PROFESSIONAL ENGINEER

SANITARY SEWER IMPROVEMENTS
 TO SERVE
CYPRESS GLEN ADDITION

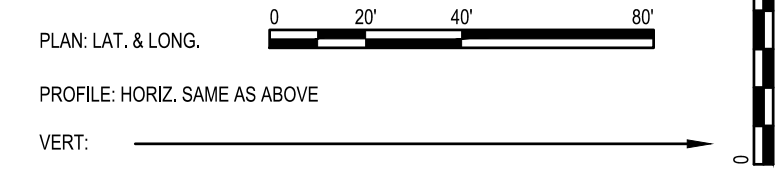
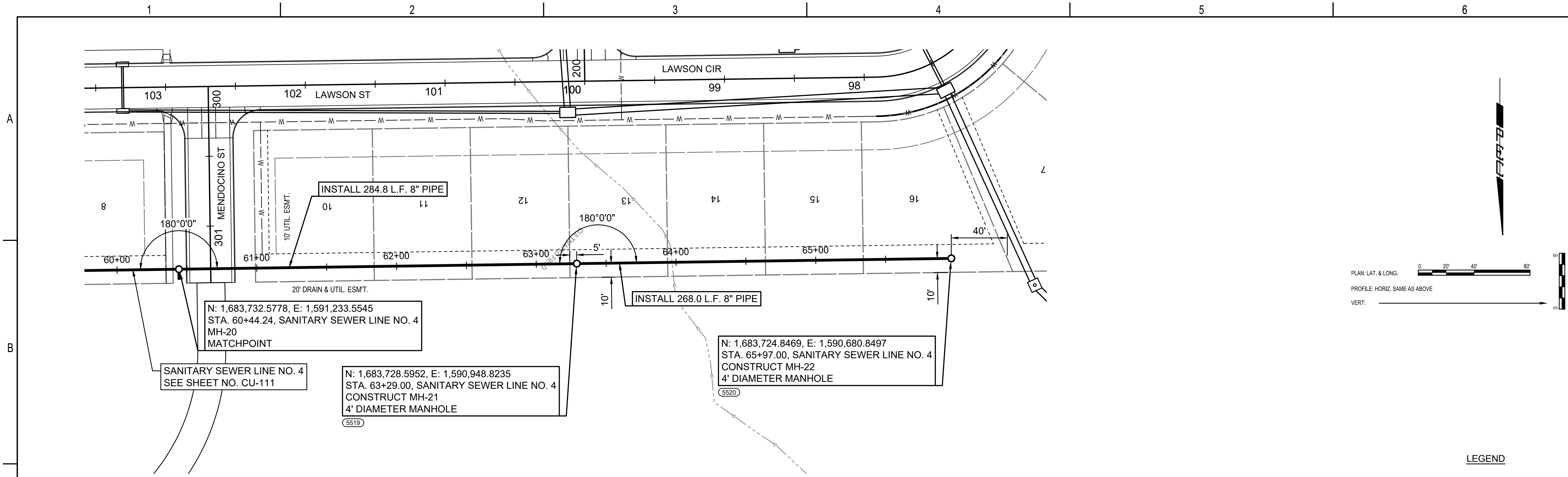
PAUL GUNZELMAN, P.E. - CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2023-016041

JOB NO. 210975-006
 DATE SEPTEMBER 2023
 PM GAS
 DESIGNED BY JJH
 DRAWN BY AJH
 CHECKED BY GAS

SANITARY SEWER LINE NO. 4

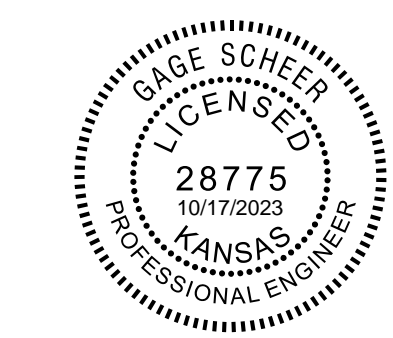
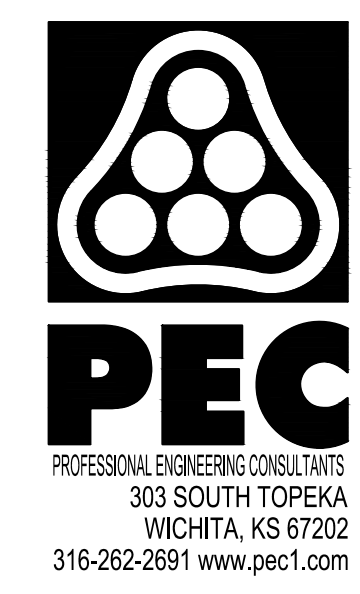
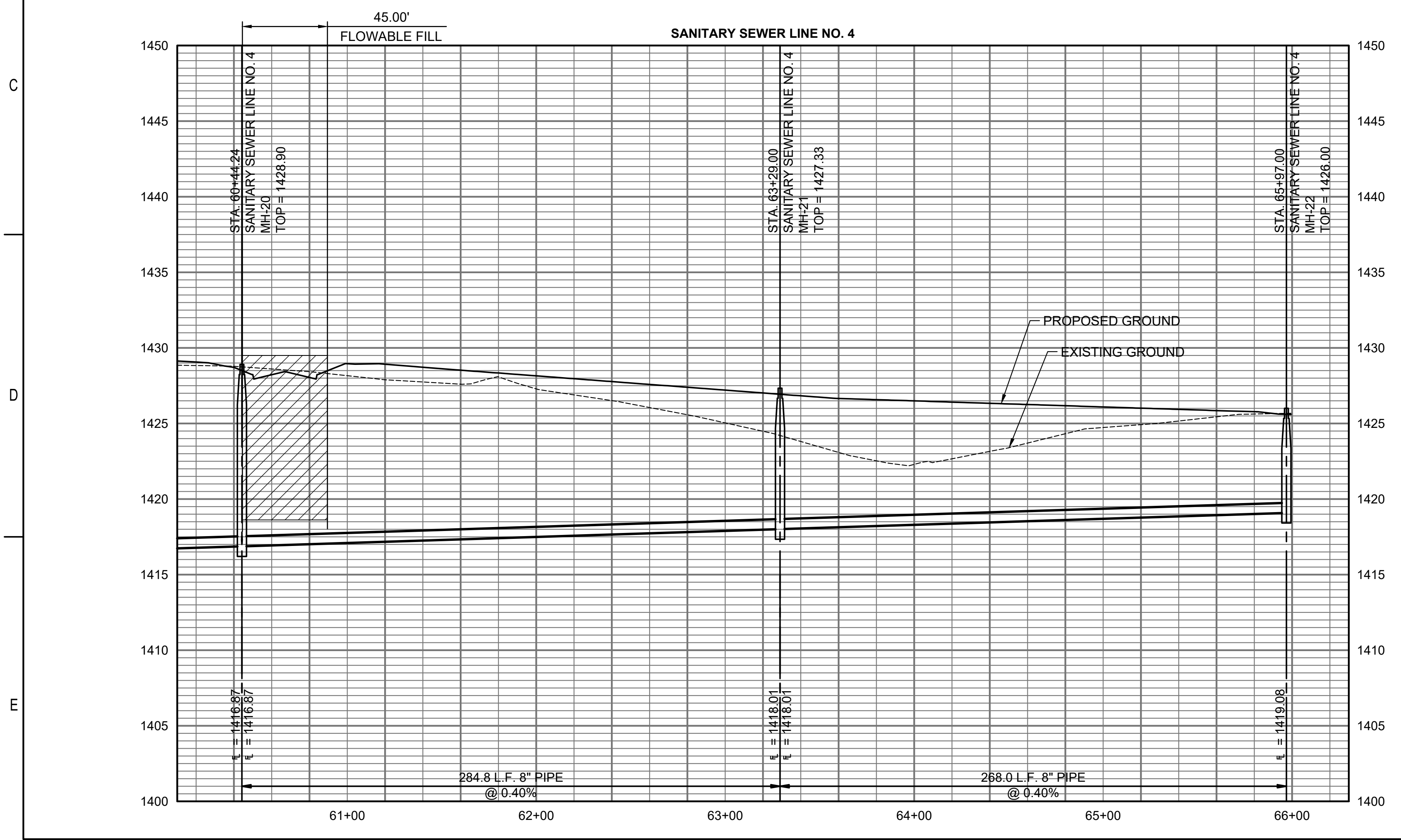
CU-111
 15 OF 27

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LEGEND

- 5500 - SEE SHEET NO. CU-100 FOR SANITARY SEWER COORDINATES (TYP.)
- 1 - DENOTES SEWER SERVICE. SEE THIS SHEET FOR SEWER SERVICE SCHEDULE AND SHEET NO. CU-503 FOR DETAILS.



**SANITARY SEWER IMPROVEMENTS
 TO SERVE
 CYPRESS GLEN ADDITION**

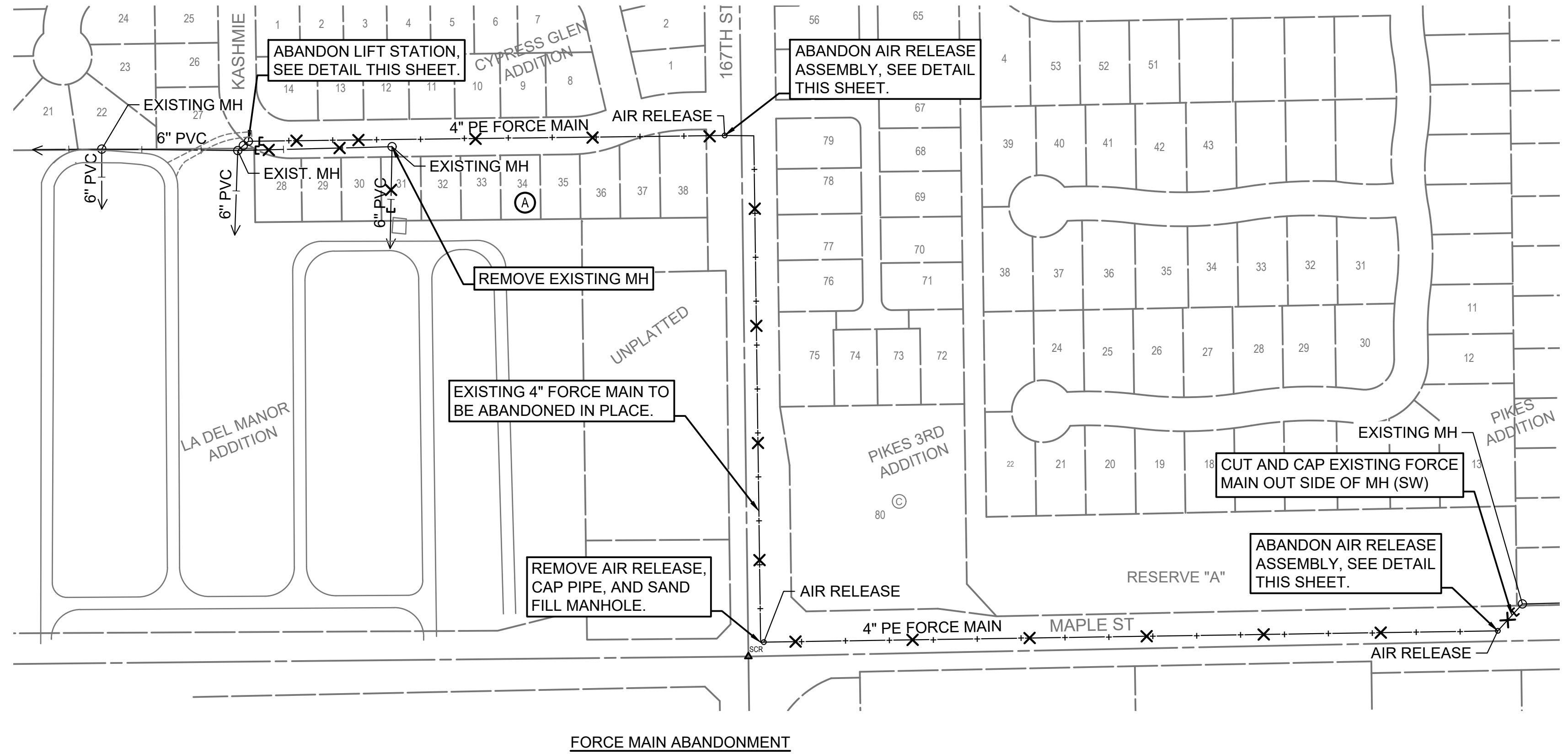
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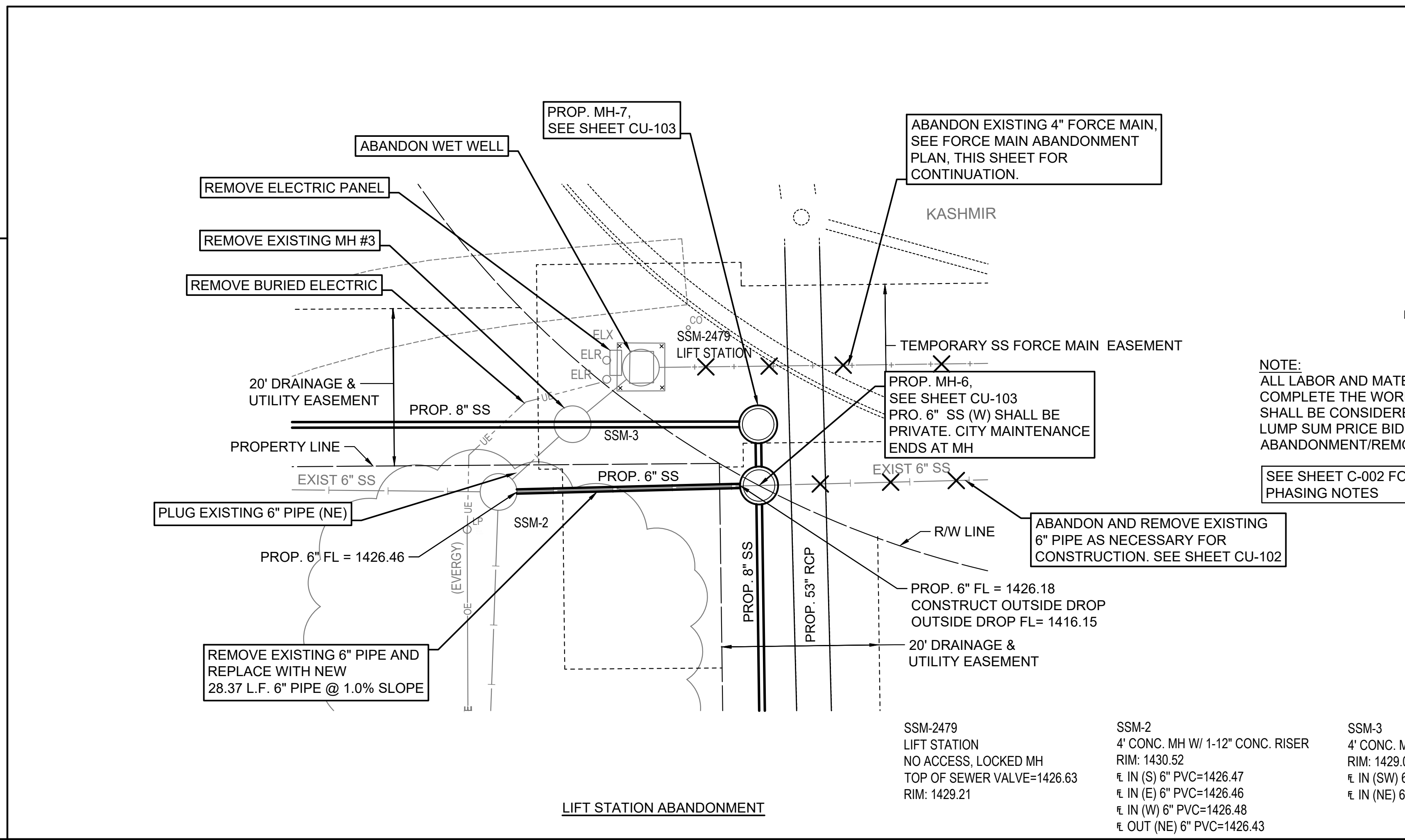
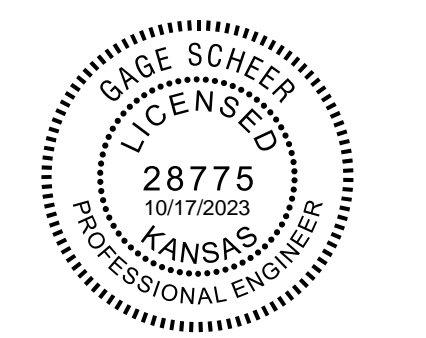
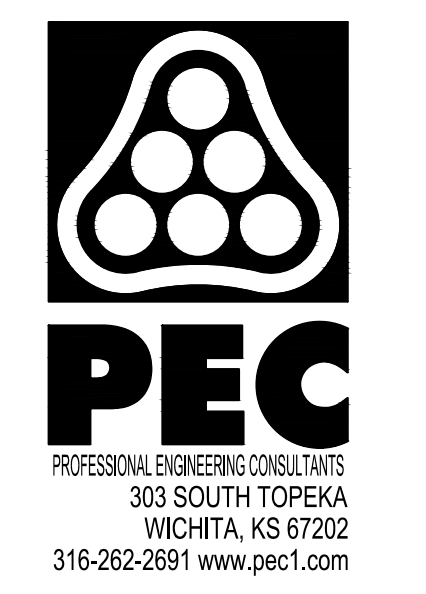
SANITARY SEWER LINE NO. 4

DEMOLITION NOTES

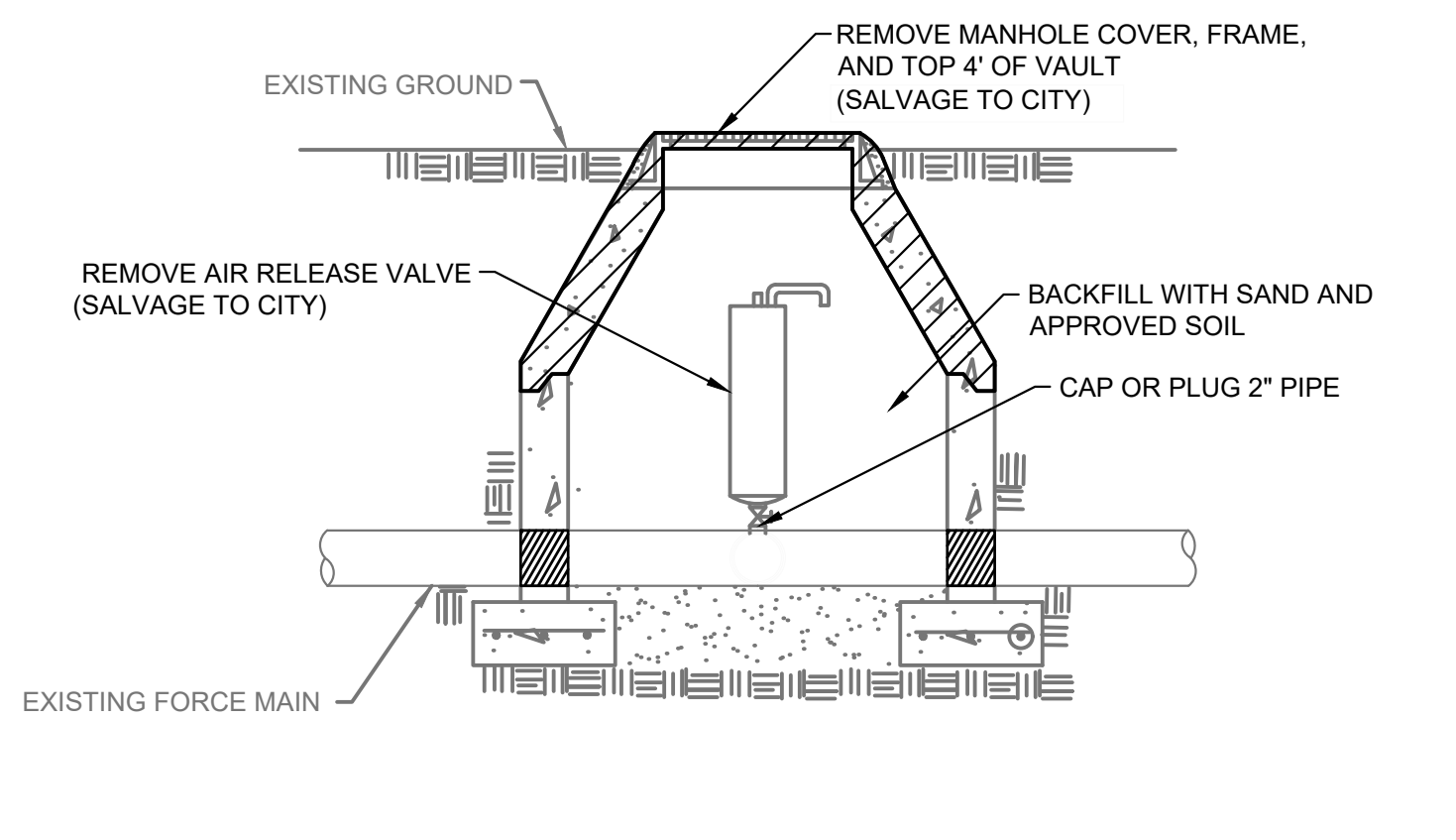
- PRIOR TO BEGINNING ANY SALVAGE/DEMOLITION WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES (EVERGY, ETC.) AND REQUEST THAT ALL UTILITY SERVICE BE DISCONNECTED. ANY COSTS INCURRED BY THE UTILITY COMPANIES SHALL BE PAID BY THE CONTRACTOR.
 - LIFT STATION CONCRETE PAD SHALL BE REMOVED BY THE CONTRACTOR.
 - CONCRETE RUBBLE, OTHER DEBRIS, AND UNSALVAGEABLE MATERIALS SHALL BE DISPOSED AS APPROVED AND DIRECTED BY THE CITY ENGINEER.
 - STRUCTURES AND FOOTINGS TO BE ABANDONED SHALL BE COMPLETELY REMOVED TO AN ELEVATION OF 3' BELOW FINISHED GRADE. THE BOTTOM OF THE STRUCTURE SHALL BE BROKEN TO ALLOW FOR DRAINAGE, AND THE REMAINING PORTION OF THE ABANDONED STRUCTURES SHALL BE BACKFILLED WITH SAND OR FLOWABLE FILL TO AN ELEVATION OF 2' BELOW GRADE. THE TOP 2' OF THE EXCAVATION SHALL BE BACKFILLED WITH COMPACTED MATERIAL SIMILAR TO THE ADJACENT SURFACE TO 95% OF ASTM D698.
 - AFTER BACKFILLING, THE ENTIRE SITE DISTURBED BY DEMOLITION SHALL BE CLEARED OF ALL DEBRIS, CONCRETE RUBBLE, ETC., GRADED TO DRAIN, AND RESEEDED.
 - PRIOR TO ANY LIFT STATION OR FORCE MAIN ABANDONMENT OR REMOVAL THE CONTRACTOR SHALL GIVE 48 HOURS (MIN.) NOTICE TO THE CITY. ANY ITEMS TO BE SALVAGED SHALL BE CLEANED AND DELIVERED TO THE CITY. ITEMS TO BE DISPOSED OF AS DIRECTED BY THE CITY SHALL BE DISPOSED OF IN AN ACCEPTABLE LOCATION. CONTACT JAMIE BELDEN AT 316-303-8721.
 - CONTRACTOR SHALL NOT DIVERT ANY SEWAGE FLOW THROUGH NEW PIPE OR MANHOLES UNTIL TESTING HAS BEEN COMPLETED AND ACCEPTED.
 - CONTRACTOR SHALL VISIT THE LIFT STATION SITE AND BECOME FAMILIAR WITH THE EXISTING LIFT STATION AND EQUIPMENT AND SUBSEQUENT DEMOLITION PRIOR TO BIDDING.
 - CONTRACTOR SHALL COORDINATE TRANSFORMER, UTILITY POLE REMOVAL WITH THE PROPER UTILITY.
- EVERGY:
HEIDE BRYAN 316-261-6354
- CONTRACTOR SHALL DEMO EXISTING ASPHALT DRIVE, WOOD FENCE, FENCE POST, AND CONCRETE SURROUNDING EXISTING LIFT STATION. CONTRACTOR SHALL RESTORE DISTURBED AREA WITH TOP SOIL PREPARATION, SEEDING, MULCH AND/OR RESEEDING. ALL SEEDING/SODDING WORK SHALL BE IN ACCORDANCE WITH CITY OF WICHITA STANDARD SPECIFICATION AND THE CITY OF WICHITA ADMINISTRATIVE REGULATION NO. AT6.5 WHICH GOVERNS CLEAN UP AND RESTORATION OR REPLACEMENT FOLLOWING CONSTRUCTION. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO THE LUMP SUM BID FOR "SITE RESTORATION".
 - PRIOR TO ABANDONING REMAINING FORCE MAIN, CONTRACTOR SHALL THOROUGHLY FLUSH PIPES.



LEGEND
 X = EXISTING PIPE TO BE ABANDONED
 [] = INSTALL CAP/PLUG



NOTE:
 ALL LABOR AND MATERIALS NECESSARY TO COMPLETE THE WORK SHOWN ON THIS SHEET SHALL BE CONSIDERED SUBSIDIARY TO THE LUMP SUM PRICE BID FOR "LIFT STATION ABANDONMENT/REMOVAL".
 SEE SHEET C-002 FOR PROJECT PHASING NOTES



CONTRACTOR SHALL REMOVE THE AIR RELEASE VALVE, MISCELLANEOUS PIPING AND THE TOP PORTION OF THE AIR RELEASE VAULT (TO BE A MINIMUM OF 4' BELOW FINISH GRADE), INCLUDING FRAME AND COVER, ADJUSTING RINGS, AND CONE, THEN BACKFILL VAULT WITH SAND TO 2' BELOW GRADE. THE REMAINING 2' SHALL BE BACKFILLED AND COMPACTED TO 95% OF ASTM D-698 WITH APPROVED SOIL. ALL MATERIALS OTHER THAN THOSE SPECIFICALLY CALLED OUT TO BE SALVAGED SHALL BE DISPOSED OF BY THE CONTRACTOR PROPERLY.

SSM-2479 LIFT STATION NO ACCESS, LOCKED MH TOP OF SEWER VALVE=1426.63 RIM: 1429.21	SSM-2 4' CONC. MH W/ 1-12" CONC. RISER RIM: 1430.52 € IN (S) 6" PVC=1426.47 € IN (E) 6" PVC=1426.46 € IN (W) 6" PVC=1426.48 € OUT (NE) 6" PVC=1426.43	SSM-3 4' CONC. MH W/ 1-12" CONC. RISER RIM: 1429.00 € IN (SW) 6" PVC=1426.32 € IN (NE) 6" PVC=1426.38
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**SANITARY SEWER IMPROVEMENTS
 TO SERVE
 CYPRESS GLEN ADDITION**

PAUL GUNZELMAN, P.E. - CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-2023-016041

JOB NO.	210975-006
DATE	SEPTEMBER 2023
PM	GAS
DESIGNED BY	JJH
DRAWN BY	AJH
CHECKED BY	GAS

LIFT STATION ABANDONMENT PLAN

SAVED 10/11/2023 2:37:32 PM BY KURTIS DEKAT
 PLOTTED 10/17/2023 1:16:55 PM BY KURTIS DEKAT
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