

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 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 archaeological investigations unless buried in a previously approved borrow location.
- 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.
- All elevations shown are City Datum. City Datum + 1187.8 = NAVD88.
- All stubs and capped pipes shall be located with green plastic tape in the same manner as risers.
- Contractor shall limit the extent of trench open 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 protect from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractor's expense.
- All areas disturbed during construction are to be seeded as follows:
Seed -- Rye grass; 5 lbs./1000 Sq. Ft.
All costs associated with seeding including mobilization, preparation of ground, seeding, fertilizing, mulching, etc. shall be included in the L.S. bid item "Seeding".

- All existing and proposed erosion control measures including silt fencing, erosion control mat, straw bales, inlet barriers, and const. entrance shall be maintained throughout construction by the contractor and until project is accepted by the City of Wichita. The on-site engineer shall complete weekly reports on the status of erosion control measures. The contractor shall be required to comply with maintenance and/or replacement of erosion control measures as determined by the on-site engineer until project is accepted by City of Wichita. Maintenance and/or replacement of erosion control measures to be paid by L.S. bid item "Maintain Existing BMPs".
- All excess excavation shall remain on-site and shall be spread or stockpiled at a location to be determined by developer.
- Contractor shall contact Engineer for availability and location of contractor borrow.
- Existing trees shall be trimmed/removed ONLY with approval of the Developer. Trimming of overhanging limbs will be permitted only with chainsaws. Trees not in direct conflict with new construction shall remain and be protected from damage. Prior to the start of construction, the Contractor shall schedule an on-site meeting with the Developer to discuss tree areas. All trimming and/or removal shall be included in bid item "Site Clearing".
- The developer for this project is BLJ&P, LLC, Jayson L. Russell, Manager (316)644-8333

Benchmarks

BM #1 - "+" on north side of manhole rim ~42' east and 28' south of the intersection of MacArthur & Bluelake St.
Elev. = 99.97 City Datum

BM #2 - "□" with + cut on northwest face of drop inlet on north side of MacArthur Road, 79.4' North of centerline of MacArthur Road and 152.3' E/SE of southwest corner of Reserve "C", Blue Lake 3rd Addition.
Elev. = 95.55 City Datum

SANITARY SEWER IMPROVEMENTS

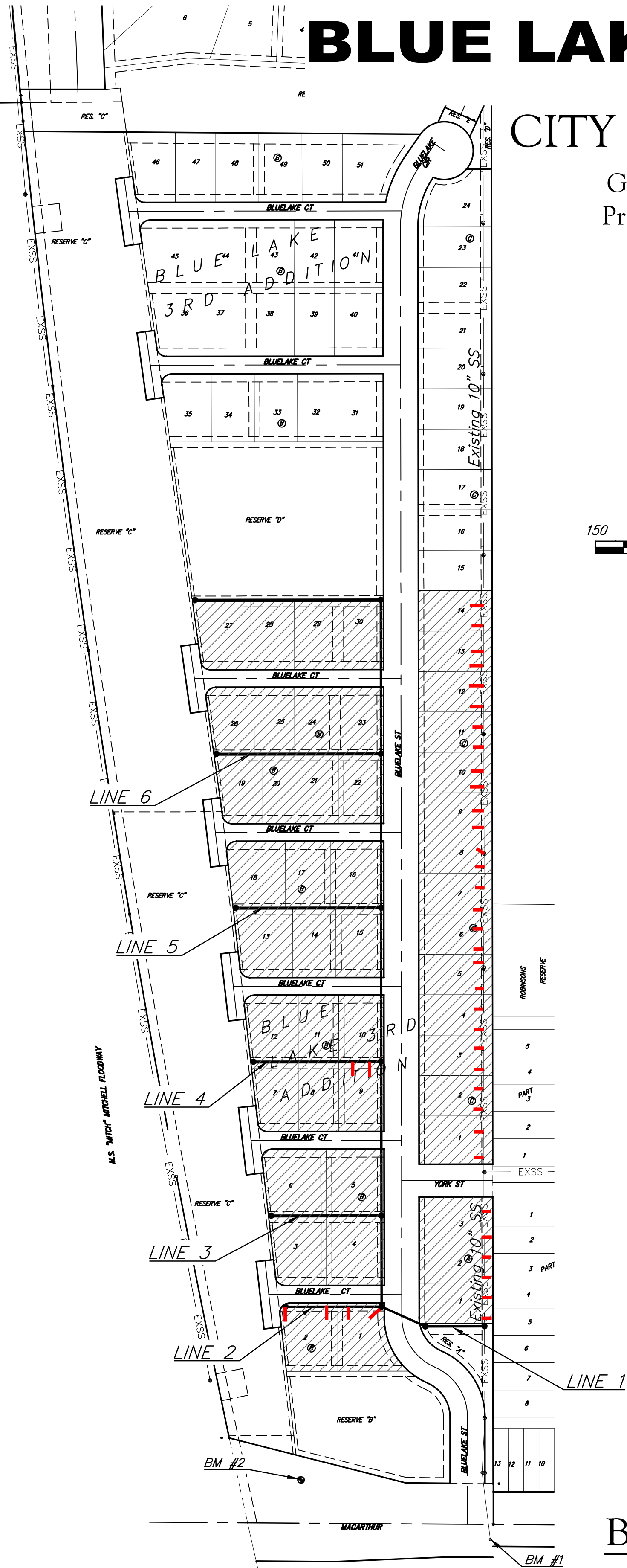
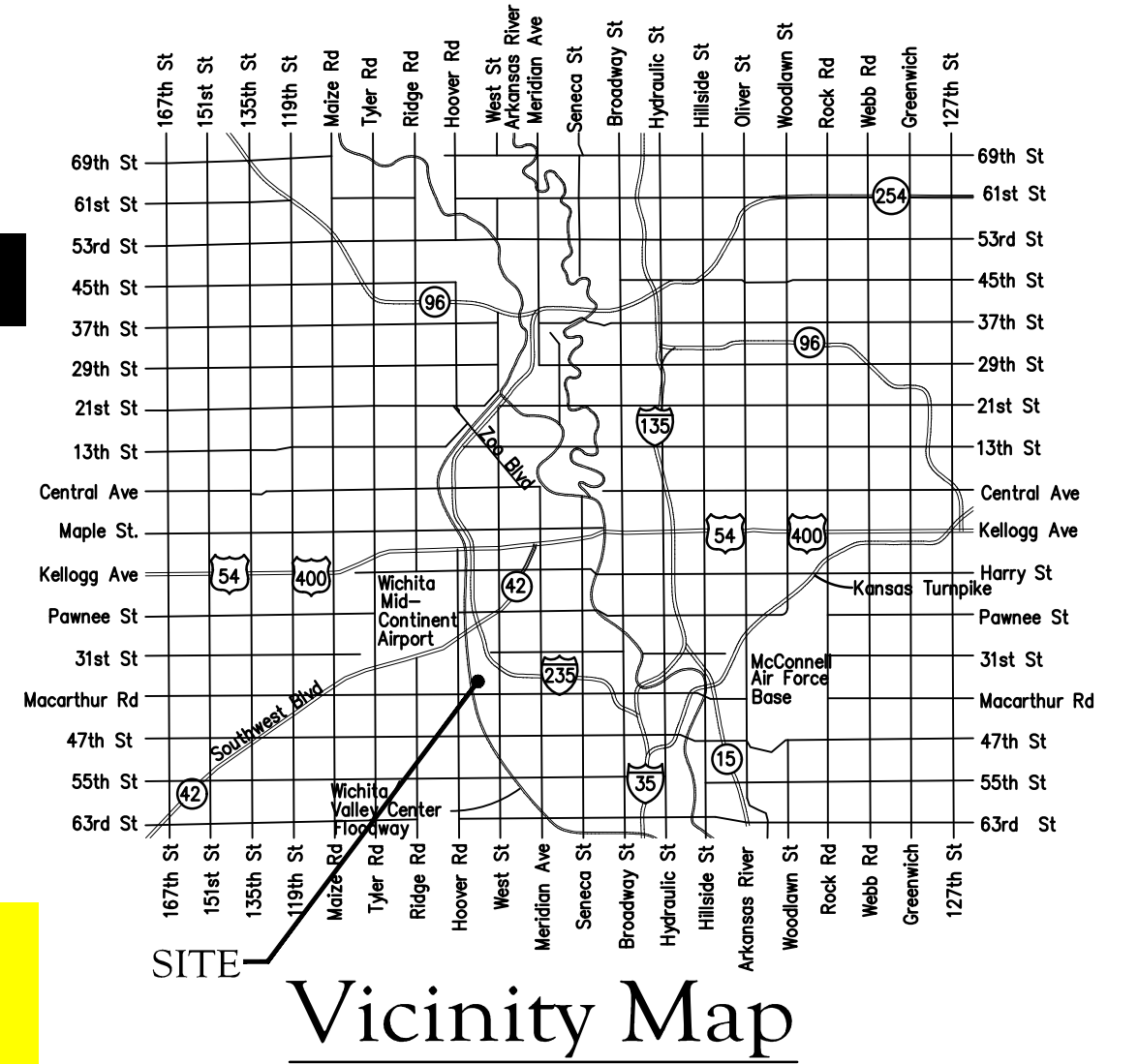
to serve

BLUE LAKE 3RD ADD. - Ph. I

CITY OF WICHITA, KANSAS

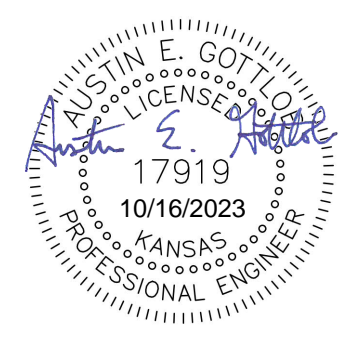
Gary Janzen, P.E. City Engineer
Project Number 468-2023-003056
Org Code 47269923
Munis Number E3131

Mies Construction - Contractor
S. Lowe - City of Wichita, Field Project Engineer
D. Swinger - City of Wichita, Inspector
As-built
Stubs & Risers
Release Date: 5/22/2024
Completion Date:
pdf: aprosas 5/23/2024



Sheet Index

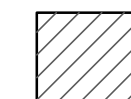
Title Sheet	1
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October 9, 2023

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Benefit District



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

Sanitary Sewer Riser Table

Project Name: Northgate 5th, Ph 2 WDS, SWS, SS
Project Location: (north of 53rd Street N & west of Meridian Ave)
Project No: 468-2021-003129
MUNIS No: E3114/47269423
Contractor: Dondlinger & Sons Construction Co
Inspector: Roberto Carrillo

Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)	Distance from		Comment
				Upstream MH	Downstream MH	
1	1	4+96.4	5'	At MH	At MH	
2	2	3+07.8	13' RT	174.8	117.9	
3	2	3+77.8	13' RT	104.8	187.9	
4	3	1+29.5	5" LT	At MH		
5	3	6+01.6	5" LT	At MH		
6	3	6+83.8	5' LT	At MH		
7		0+39.3	16" RT	298.4	39.3	Existing SS
8		1+96.4	4' LT	132.3	196.4	Existing SS
9		2+01.4	15.5" RT	127.3	201.4	Existing SS
10		2+95.1	15.5" RT	33.6	295.1	Existing SS
11		3+65.1	15.5" RT	315.6	36.4	Existing SS
12		4+35.1	15.5" RT	245.6	106.4	Existing SS
13		5+05.1	15.5 RT	175.6	176.4	Existing SS
14		5+75.1	15.5' RT	105.6	246.4	Existing SS

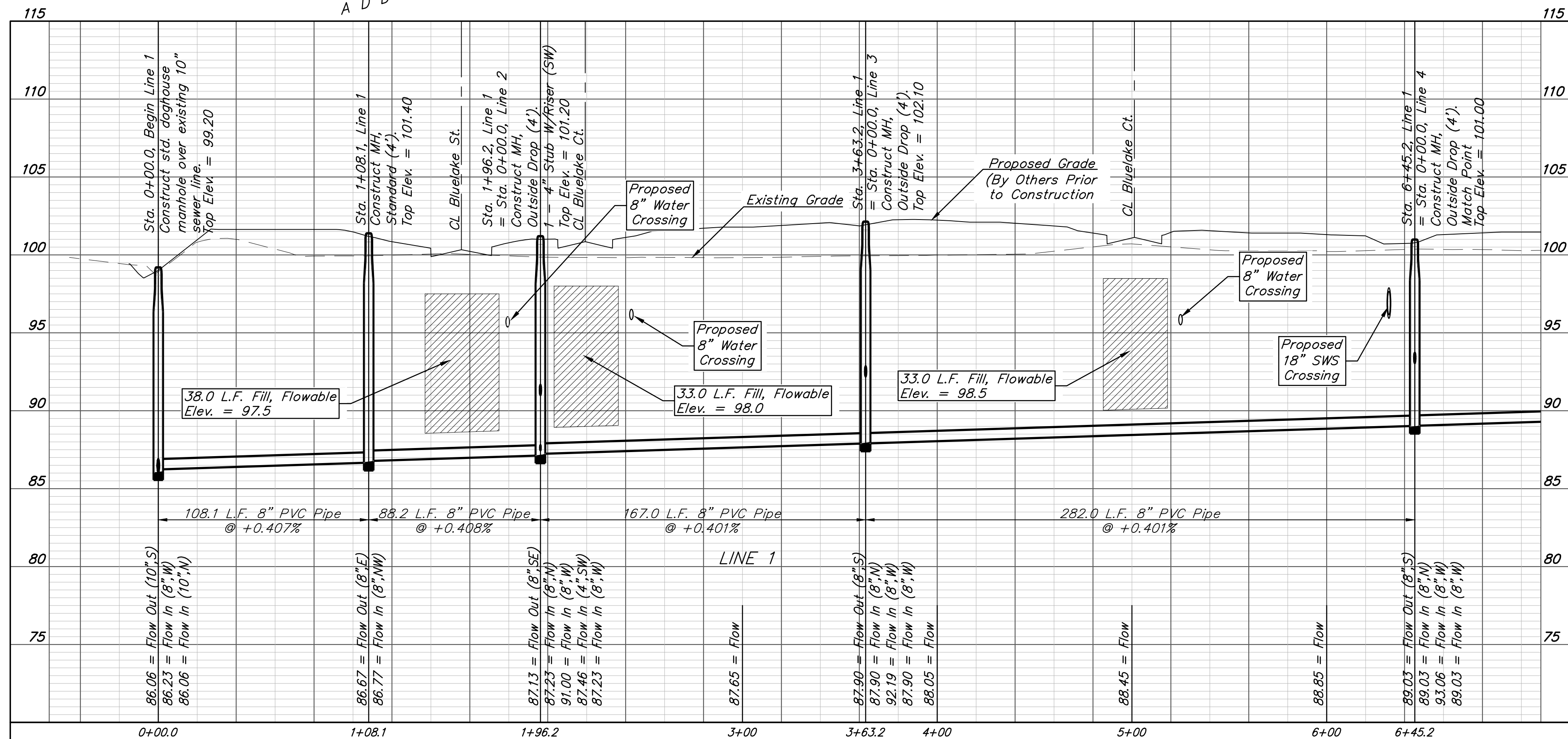
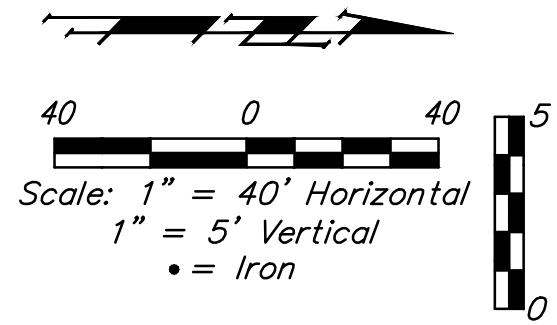
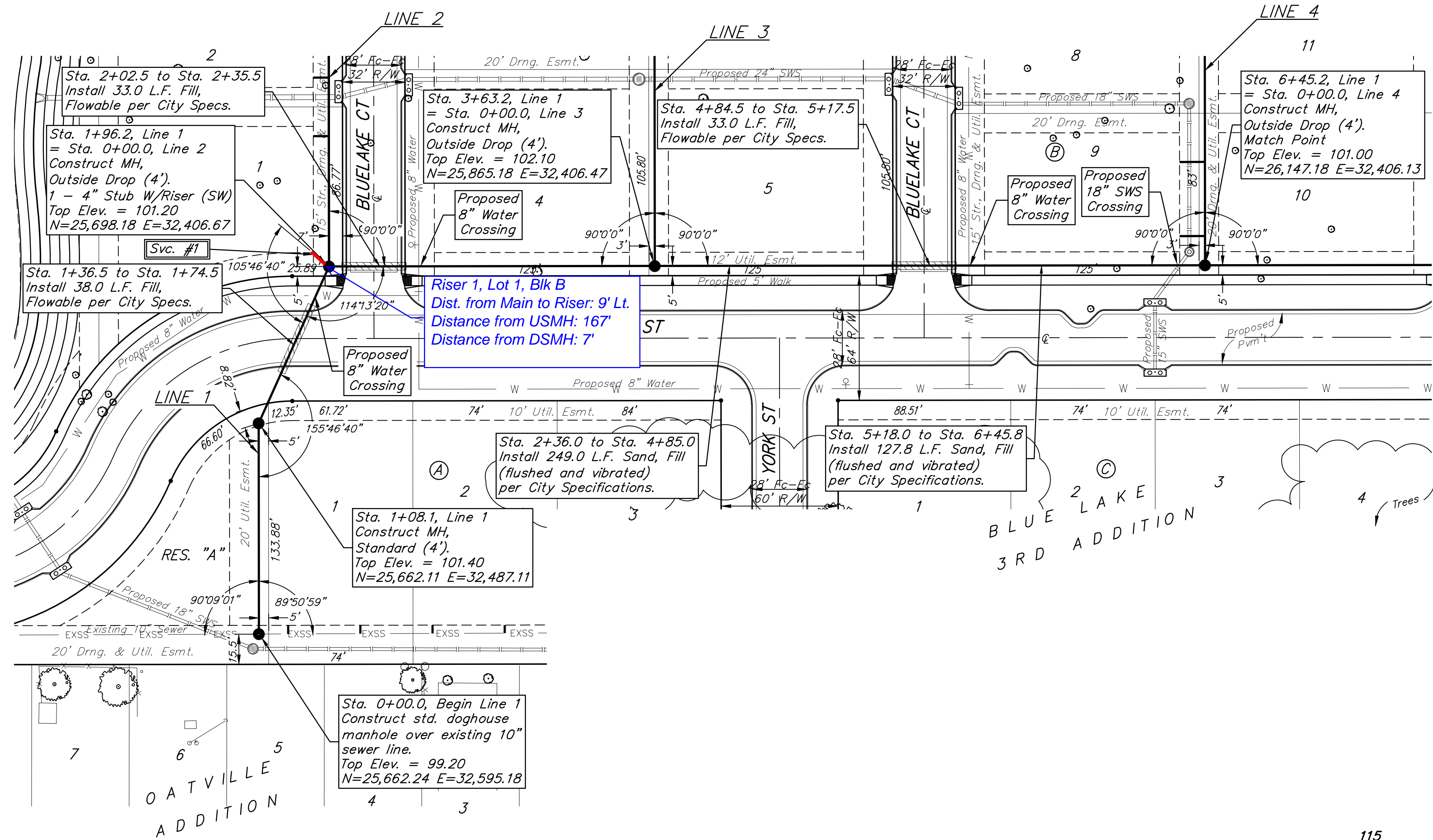
BENCHMARKS:
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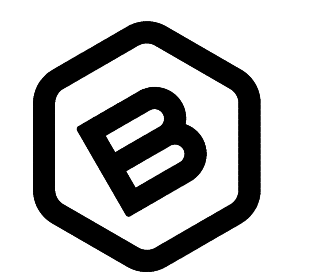
SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY		
		LOT NO.	BLOCK NO.	LINE NO.	STATION\ DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL
1	4" Stub W/Riser	1	B	1	1+96.2/Lt.	10.0'	10.5'

NOTE: Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.



Contractor shall verify elevation and alignment of existing 10" pipe prior to construction and notify Engineer of any discrepancy.



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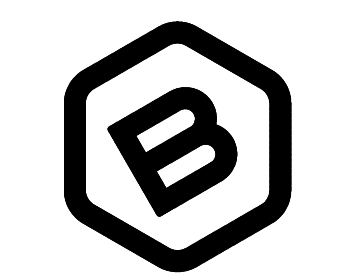
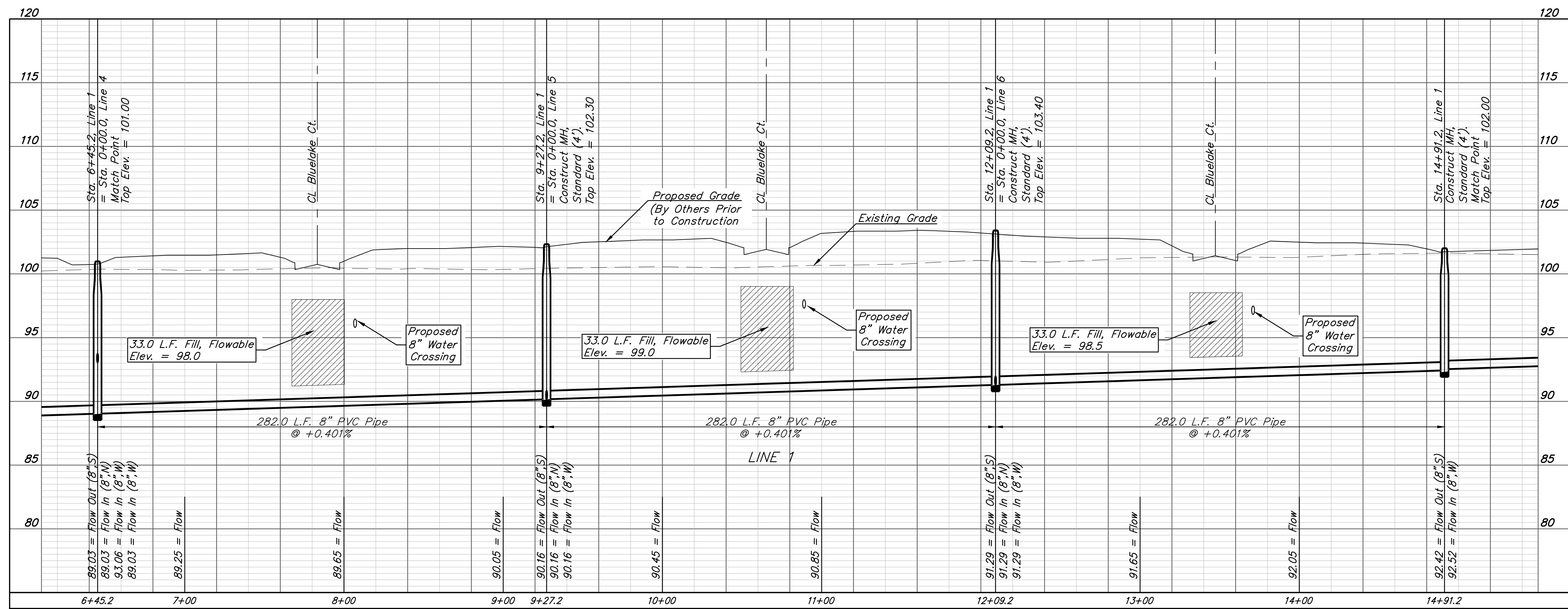
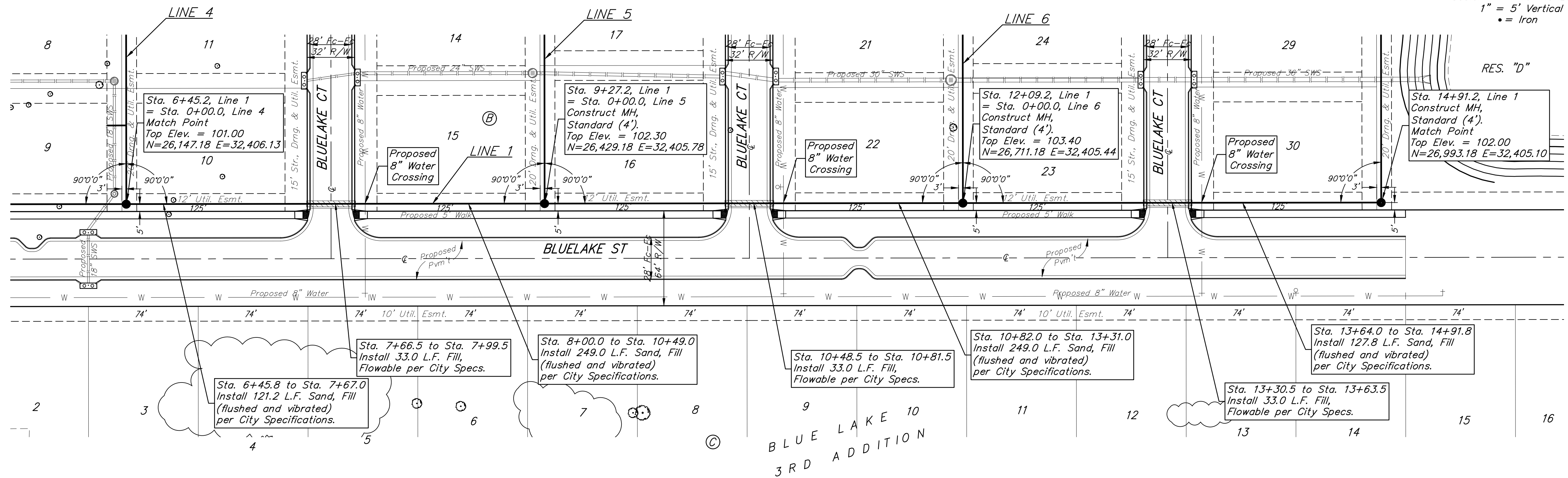
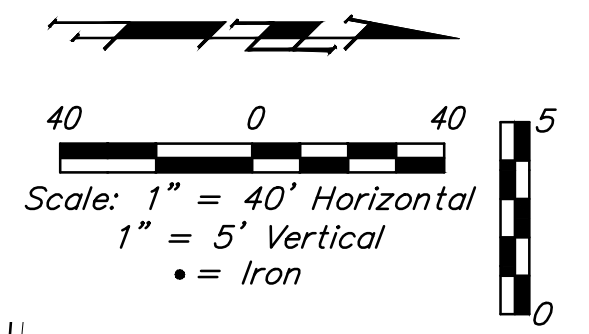
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SANITARY SEWER IMPROVEMENTS
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 23-01-E417
 DESIGN: AEG DRAWN: TMS
 DATE: October 13, 2023
 SHEET 2 OF 22

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BLUE LAKE 3RD ADD.
 Phase I

LINE 1

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PROJECT NUMBER:
 23-01-E417

DESIGN: AEG DRAWN: TMS

DATE: October 10, 2023

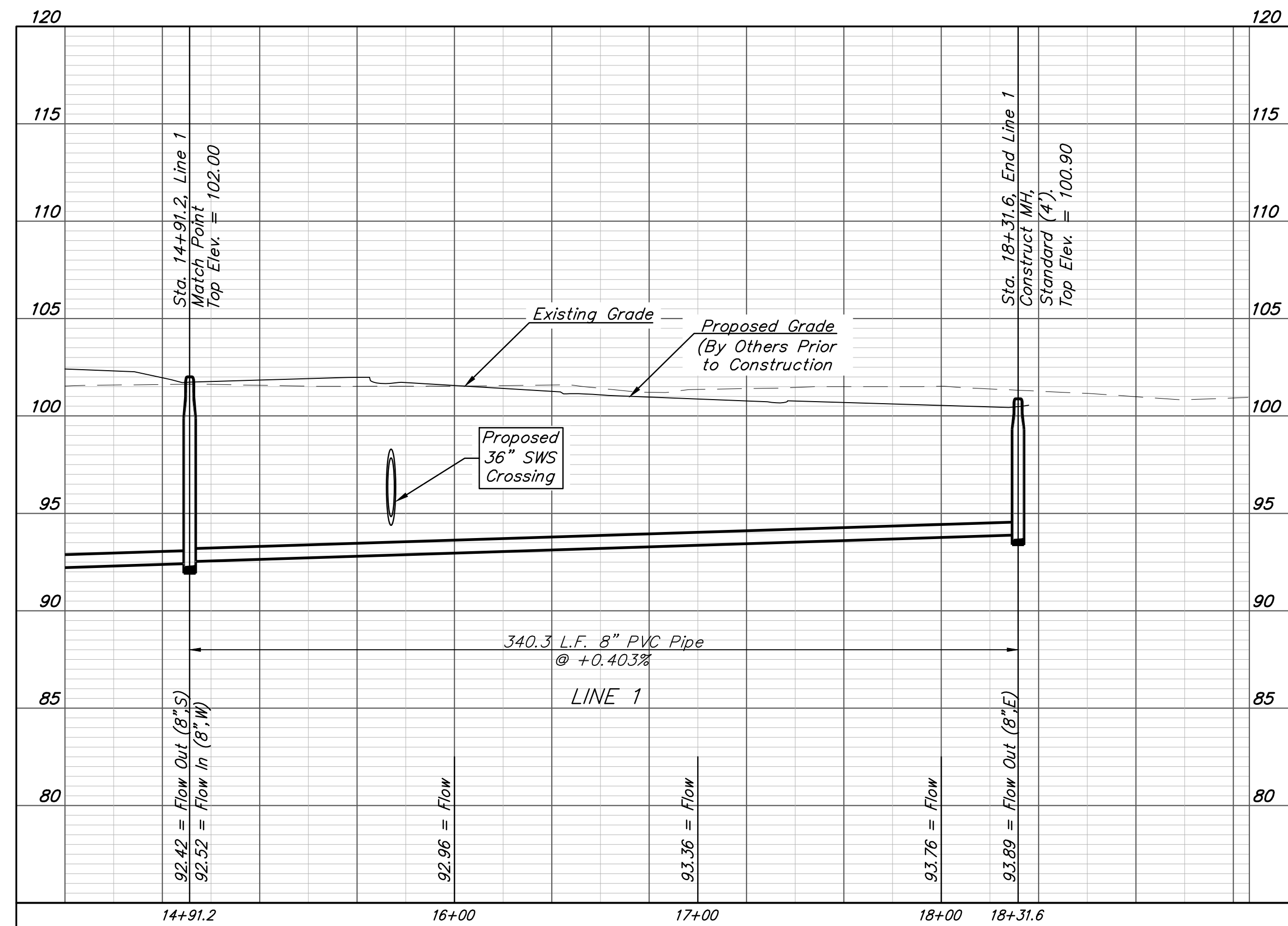
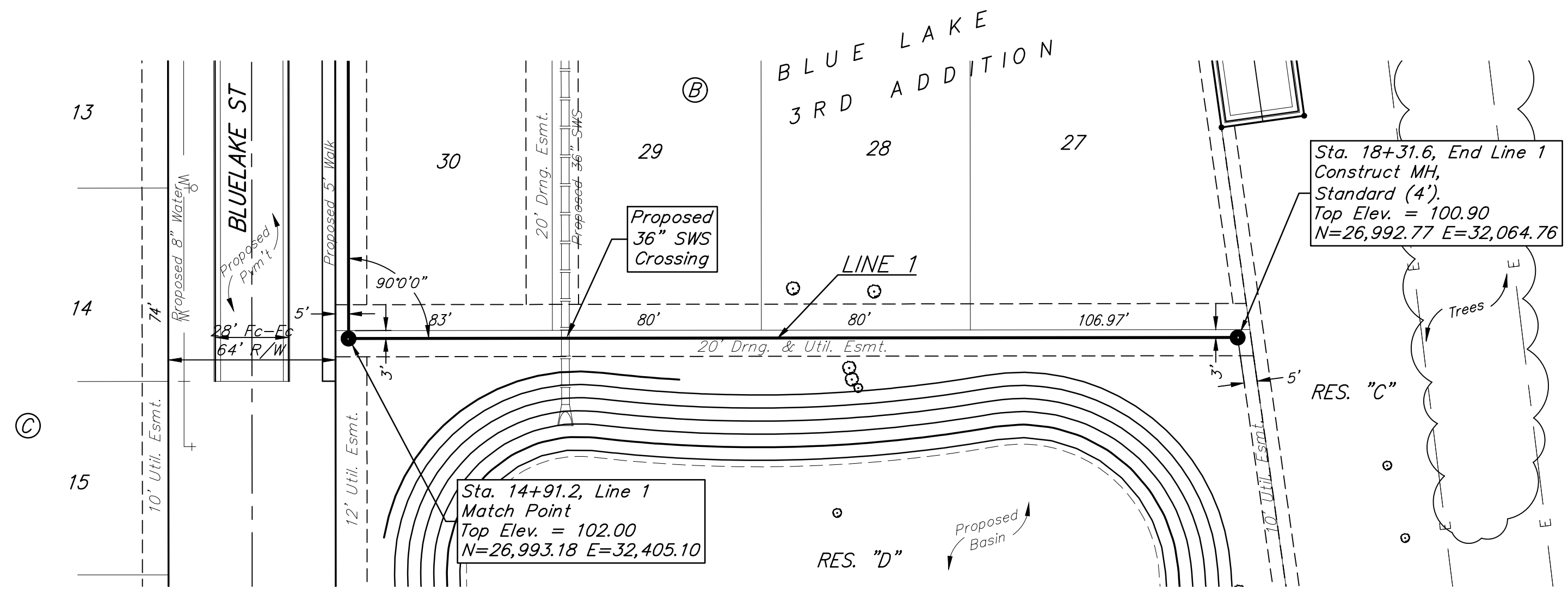
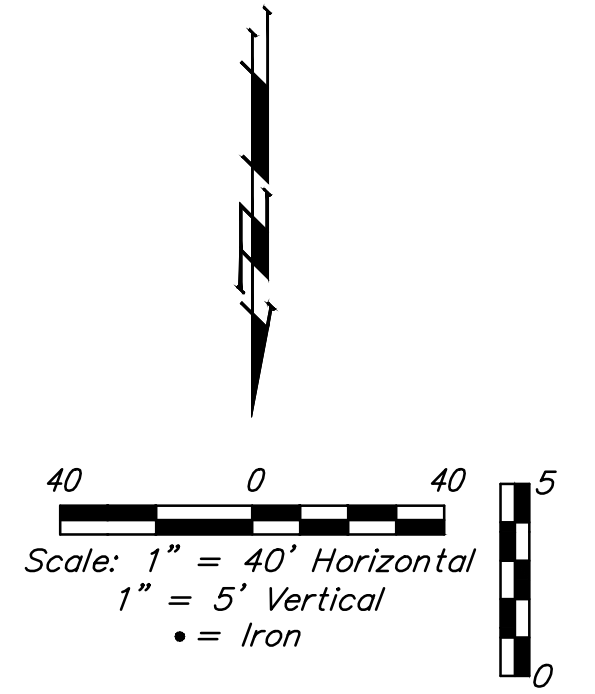
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BLUE LAKE 3RD ADD.
Phase I

LINE 1

SANITARY SEWER IMPROVEMENTS

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23-01-E417

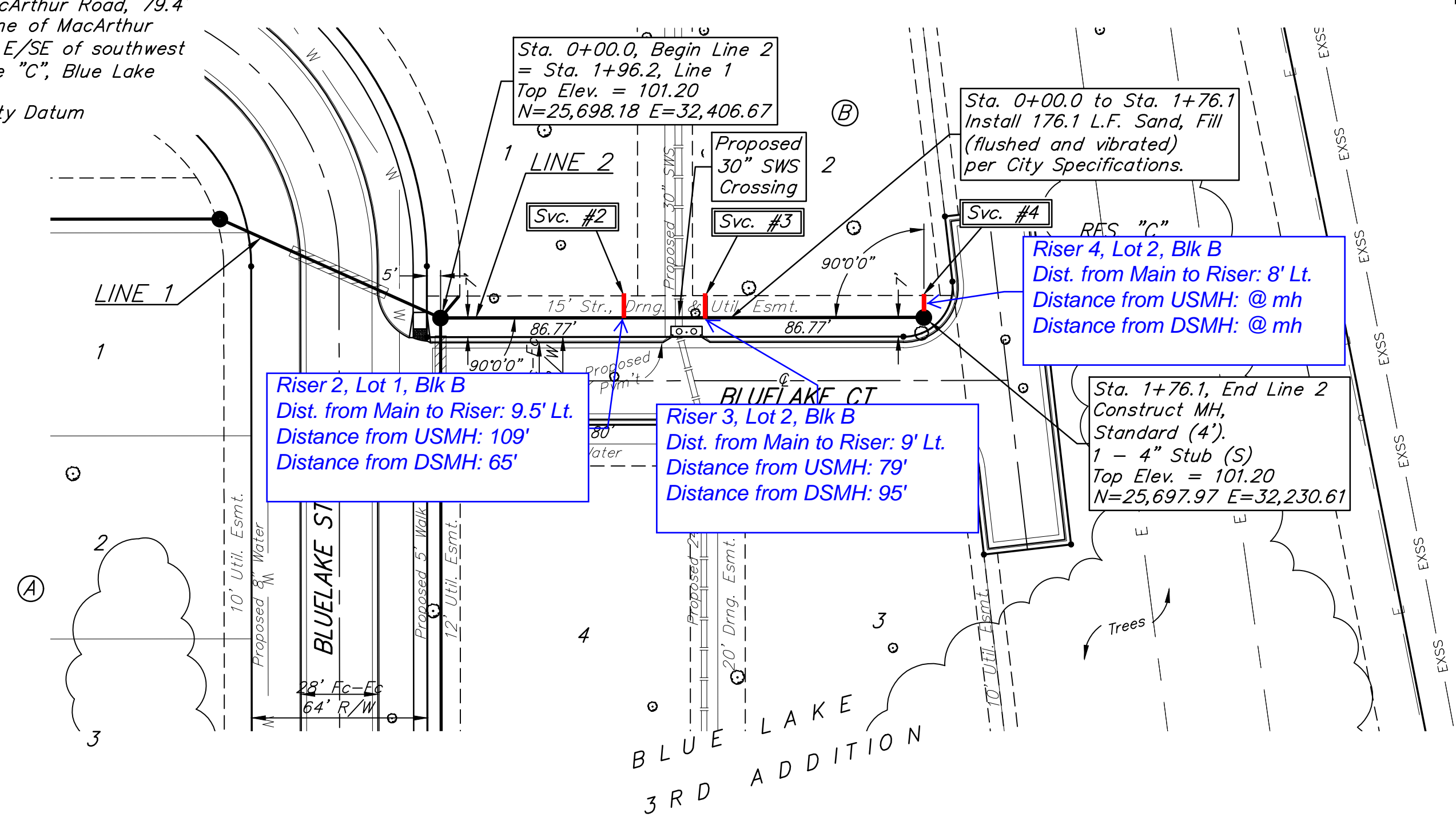
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DATE: October 9, 2023

SHEET **4** OF **22**

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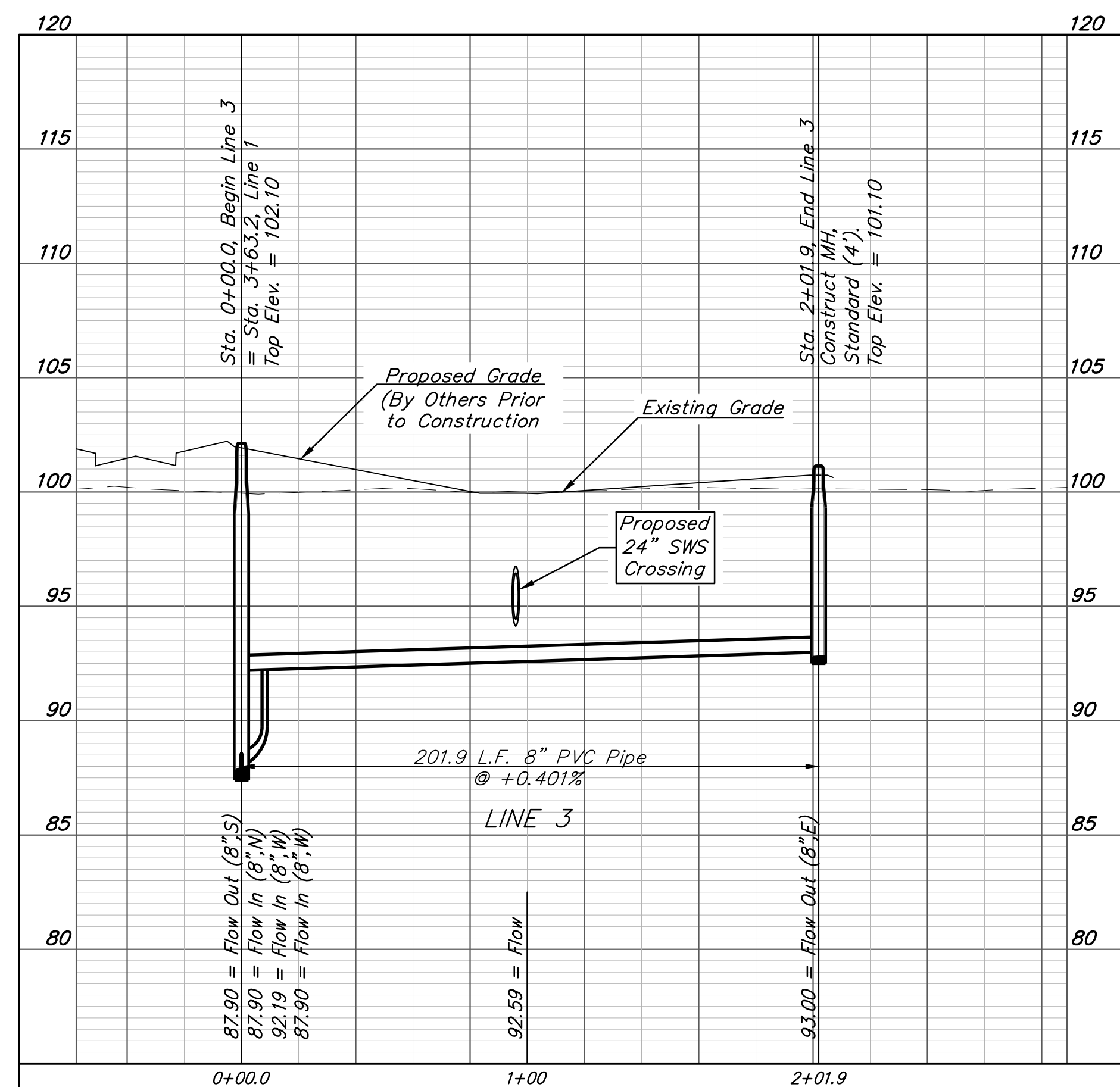
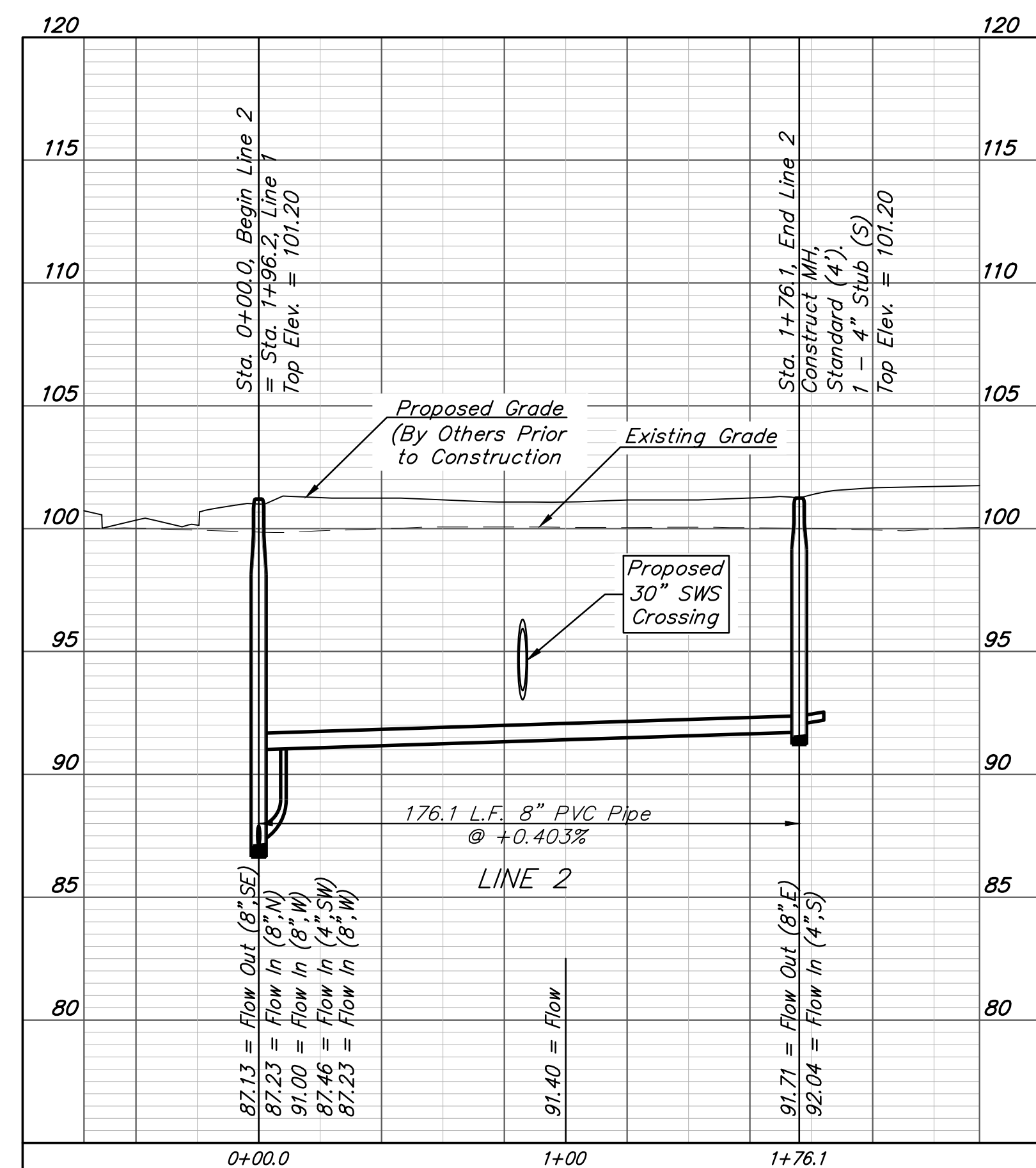
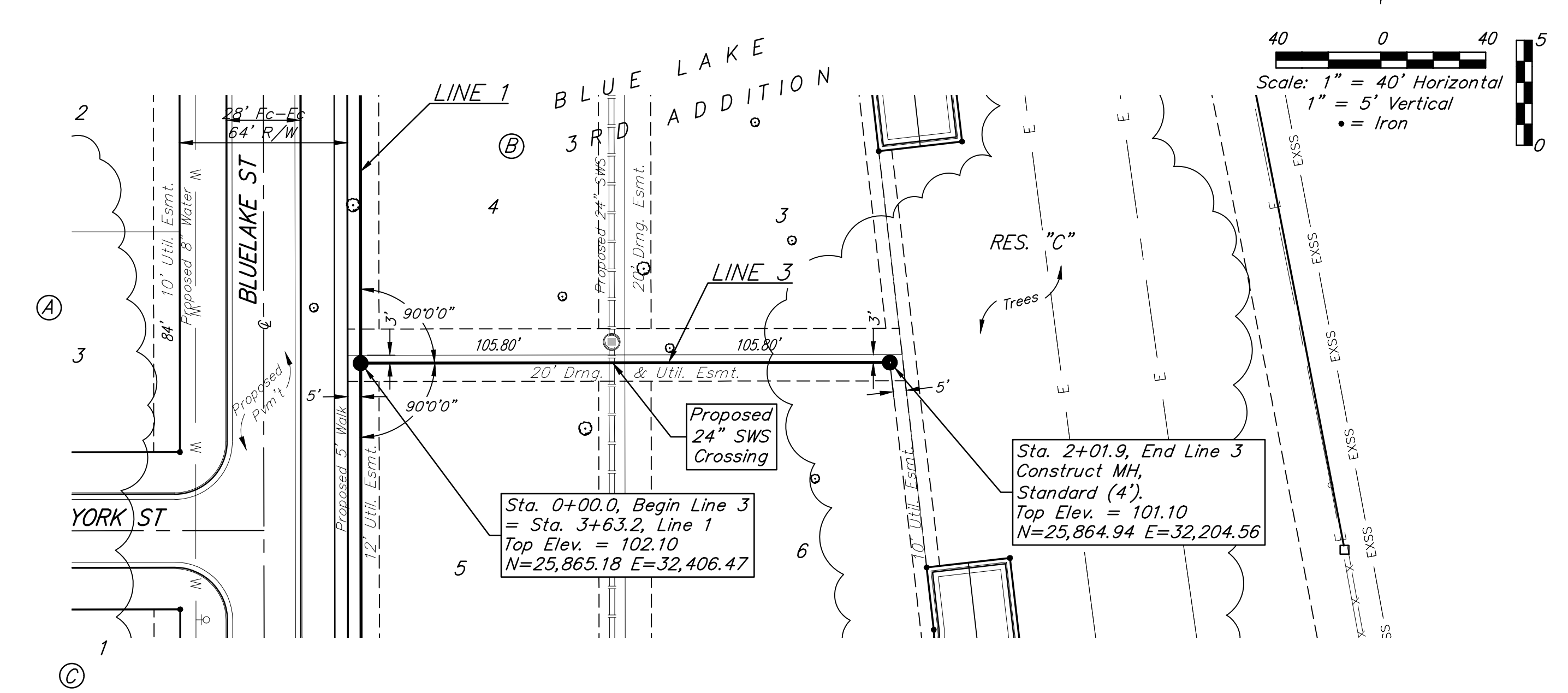
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SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION \ DIRECTION	APPROXIMATE LENGTH 4" PIPE VERTICAL	HORIZONTAL
2	8" X 4" Tee W/Riser	1	B	2	0+66.8/Lt.	-	8.0'
3	8" X 4" Tee W/Riser	2	B	2	0+96.8/Lt.	-	8.0'
4	4" Stub	2	B	2	1+76.1/Lt.	-	8.0'

NOTE: Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.



Professional Engineer Seal: Austin E. Gottschalk, License No. 17919, 10/16/2023, Kansas Professional Engineer.

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BLUE LAKE 3RD ADD.
 Phase I

LINES 2 & 3

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
 23-01-E417

DESIGN: AEG DRAWN: TMS

DATE: October 13, 2023

SHEET **5** OF **22**

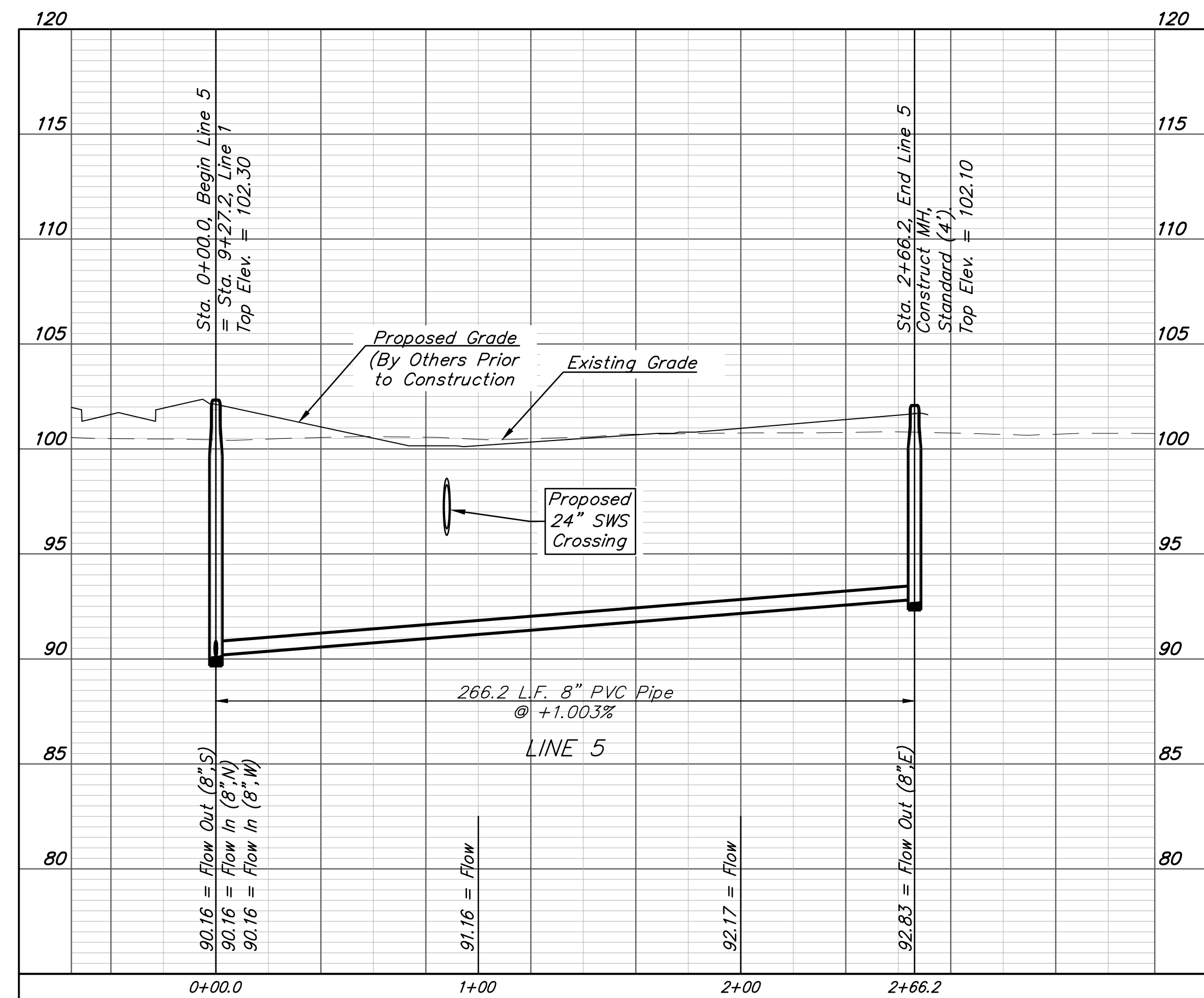
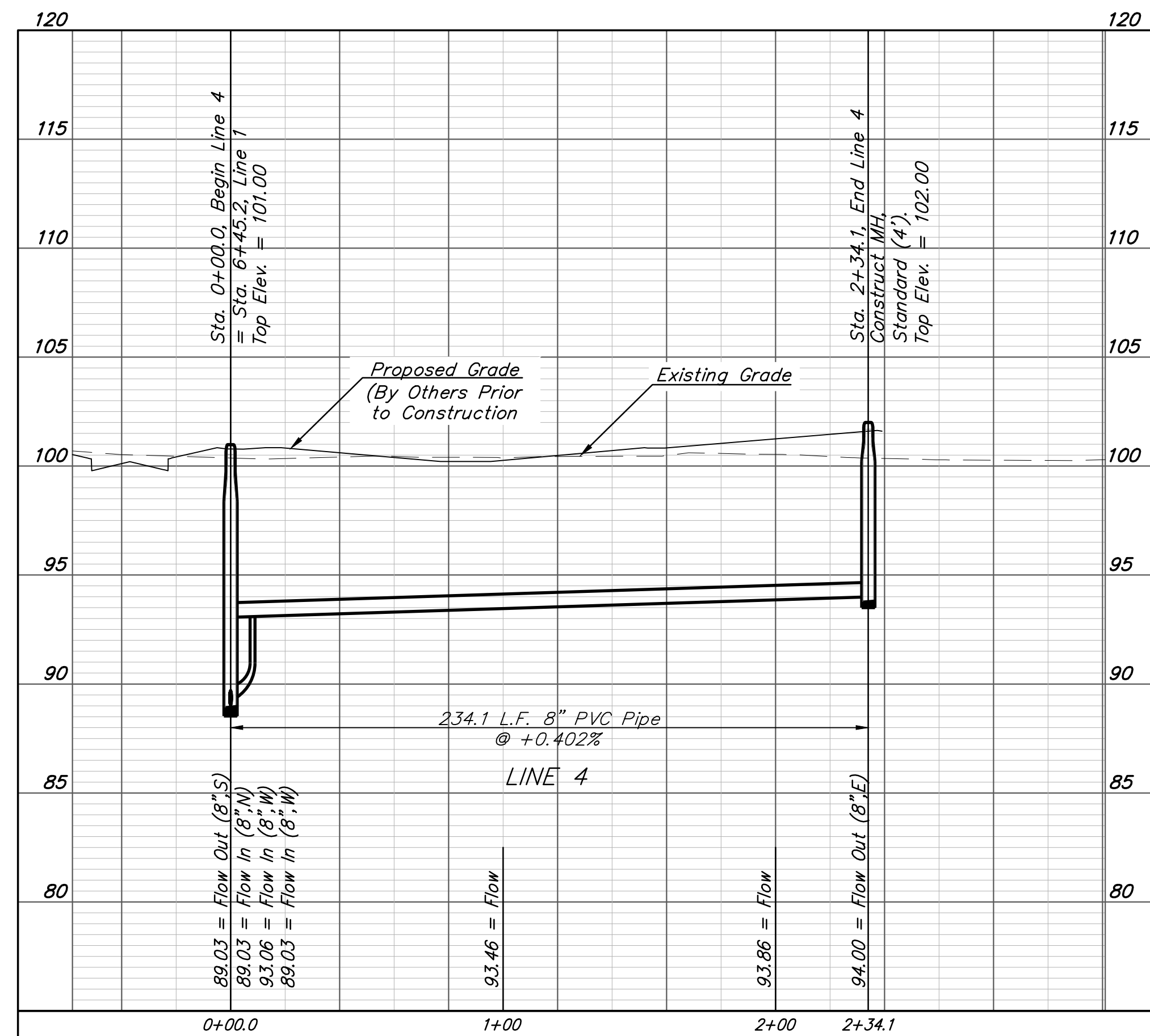
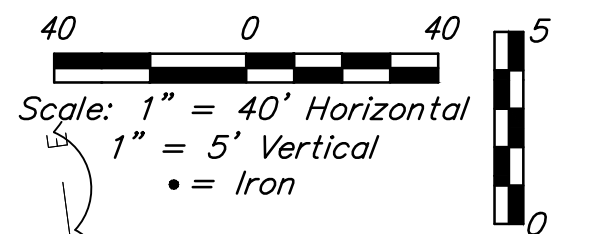
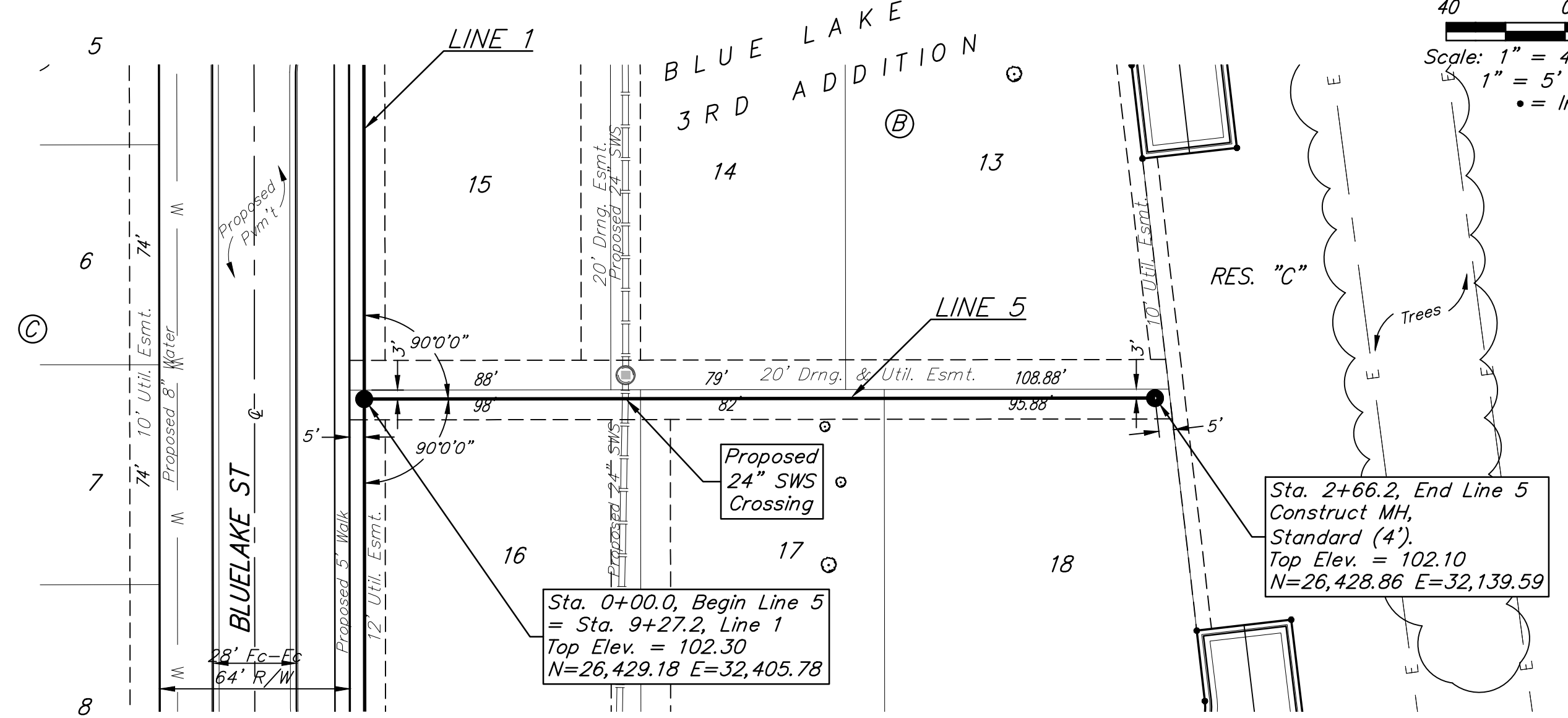
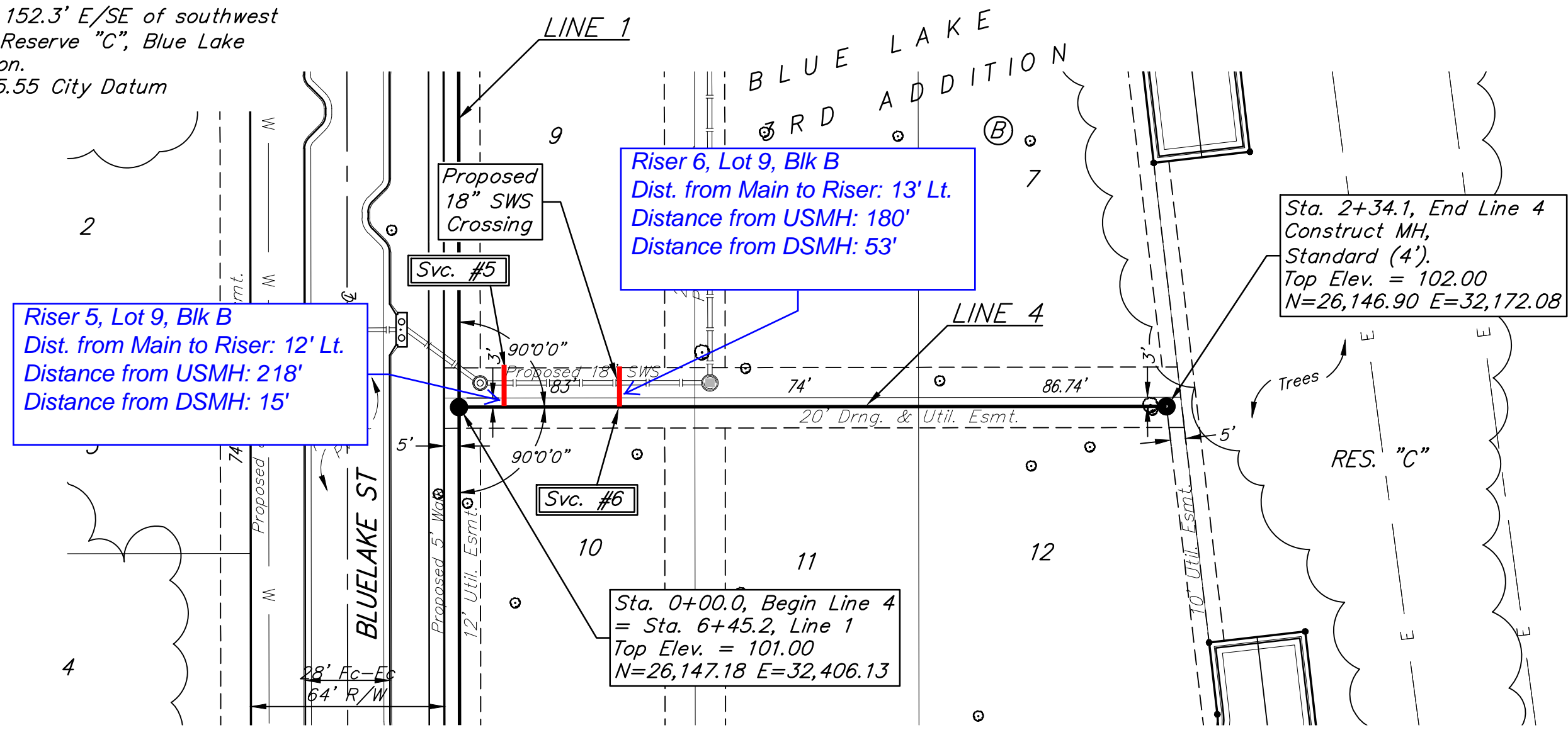
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BM #2 - "□" with + cut on northwest face of drop inlet on north side of MacArthur Road, 79.4' North of centerline of MacArthur Road and 152.3' E/SE of southwest corner of Reserve "C", Blue Lake 3rd Addition. Elev. = 95.55 City Datum

SEWER SERVICE TABLE							
NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY		
		LOT NO.	BLOCK NO.	LINE NO.	STATION \ DIRECTION	APPROXIMATE LENGTH 4" PIPE	
						VERTICAL	HORIZONTAL
5	8" X 4" Tee W/Riser	9	B	4	0+15.0/Lt.	-	13.0'
6	8" X 4" Tee W/Riser	9	B	4	0+53.0/Lt.	-	13.0'

NOTE: Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.



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BLUE LAKE 3RD ADD.
 Phase I

LINES 4 & 5

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
 23-01-E417

DESIGN: AEG DRAWN: TMS

DATE: October 13, 2023

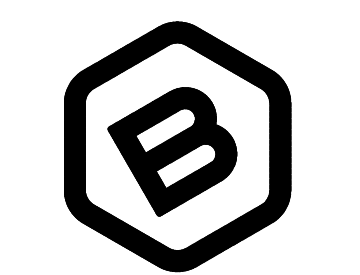
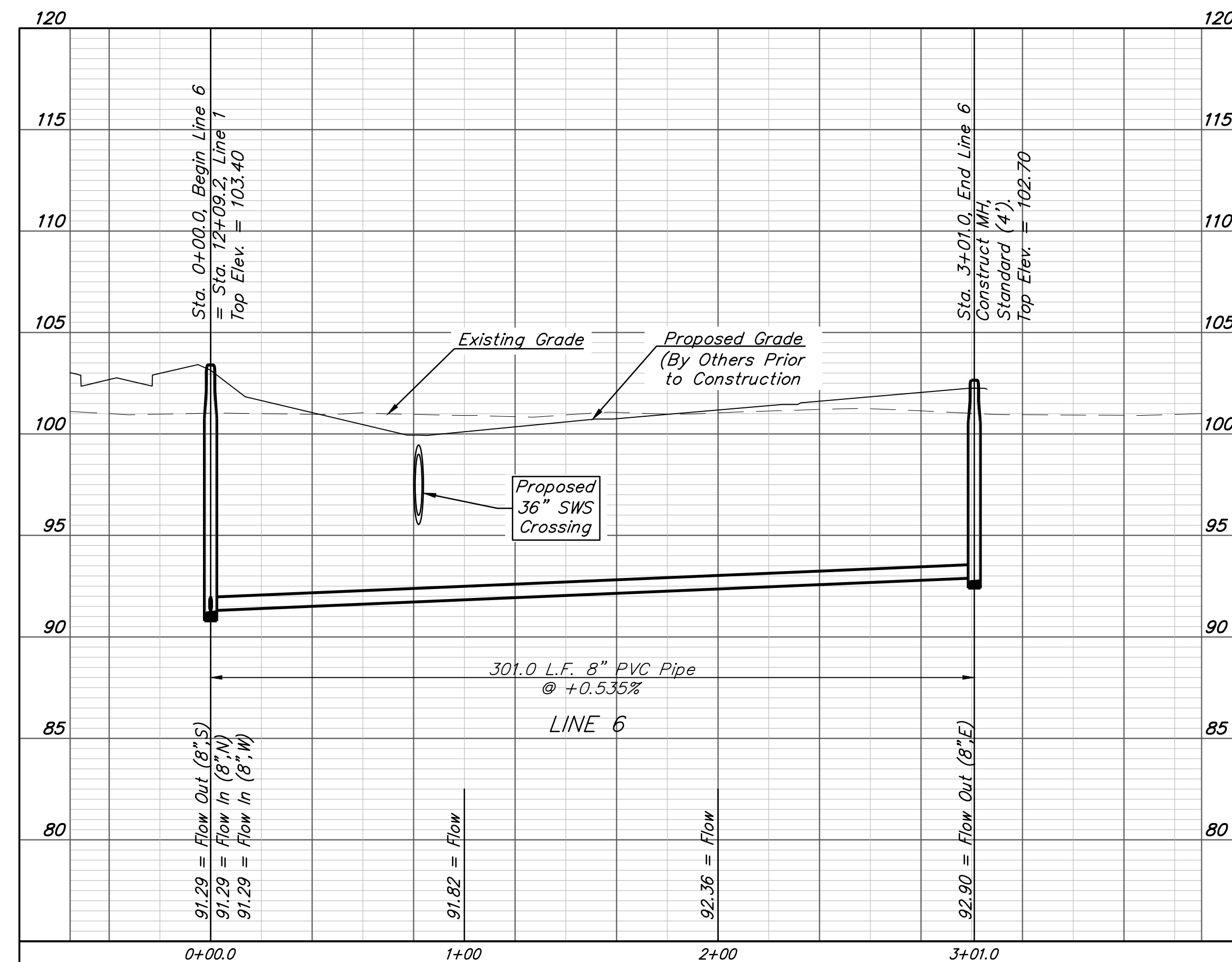
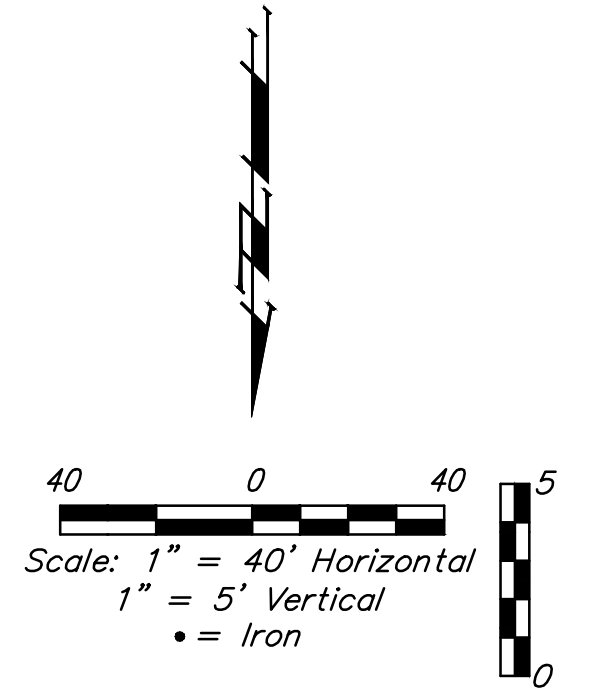
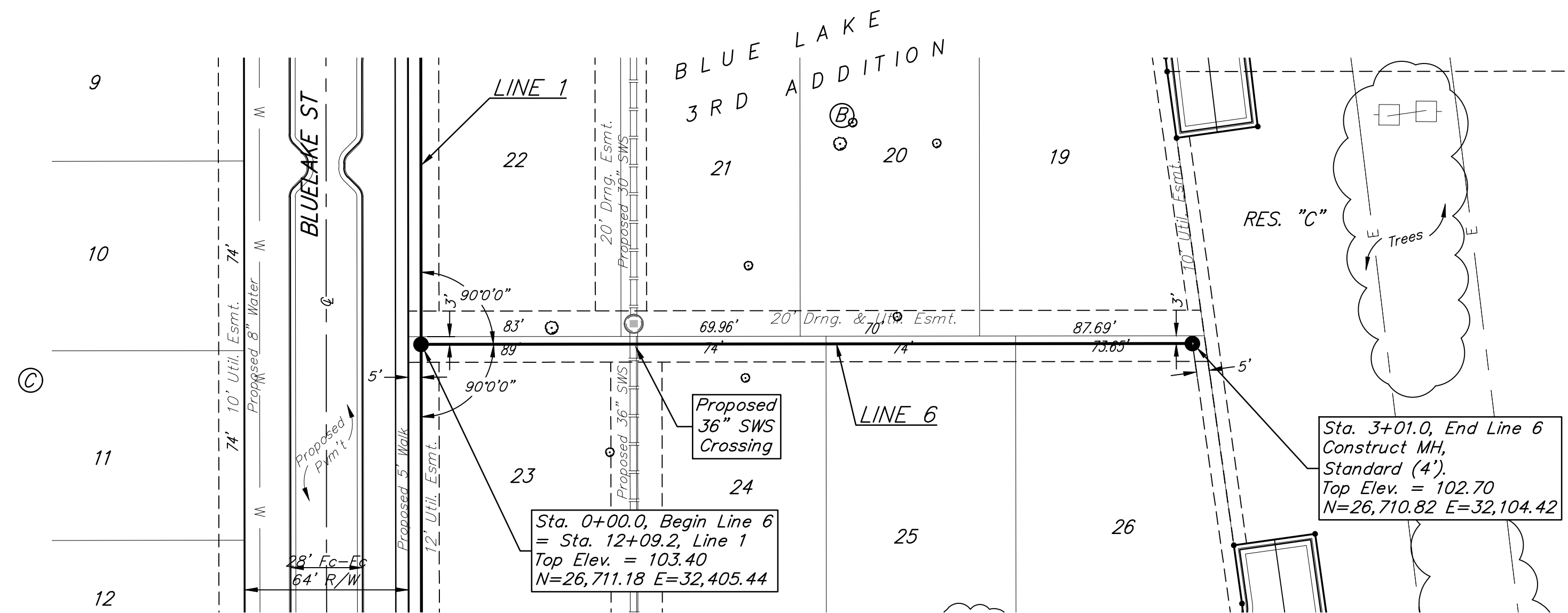
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File: E:\Projects\Blue Lake 3rd Addition_22-02-P755\Engineering\Phase 1\SS 23-01-E417\Sewer.dwg

BENCHMARKS:

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BLUE LAKE 3RD ADD.
Phase I

LINE 6

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
23-01-E417

DESIGN: AEG DRAWN: TMS
DATE: October 9, 2023

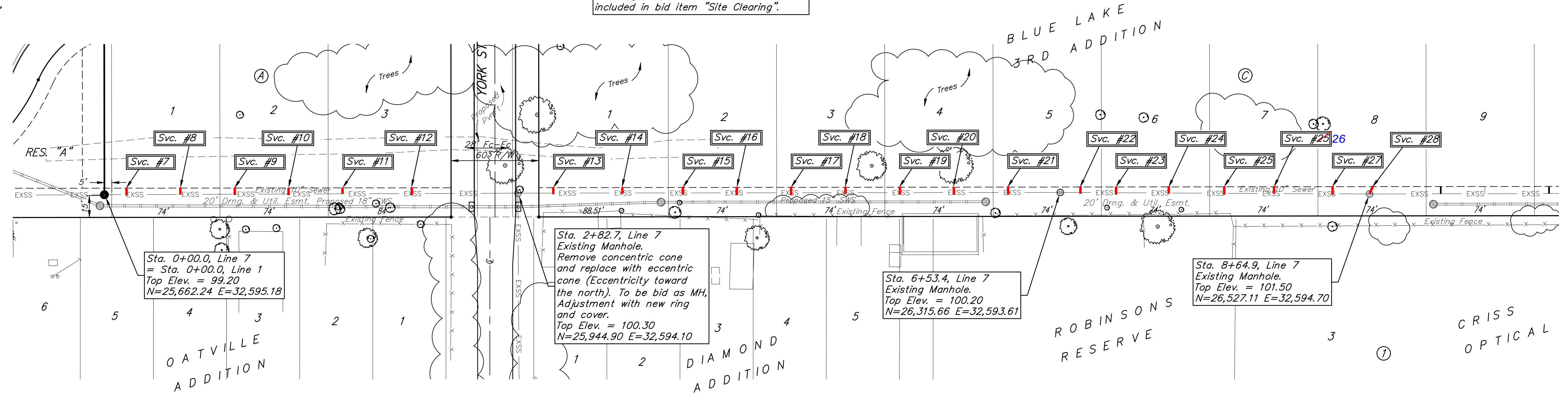
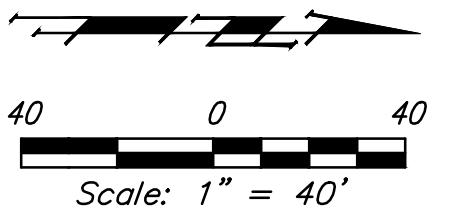
SHEET 7 OF 22

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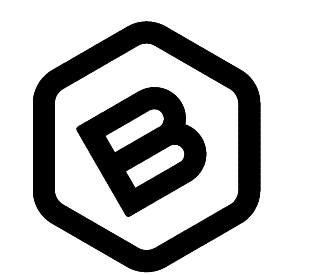
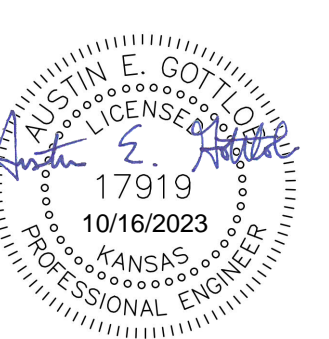
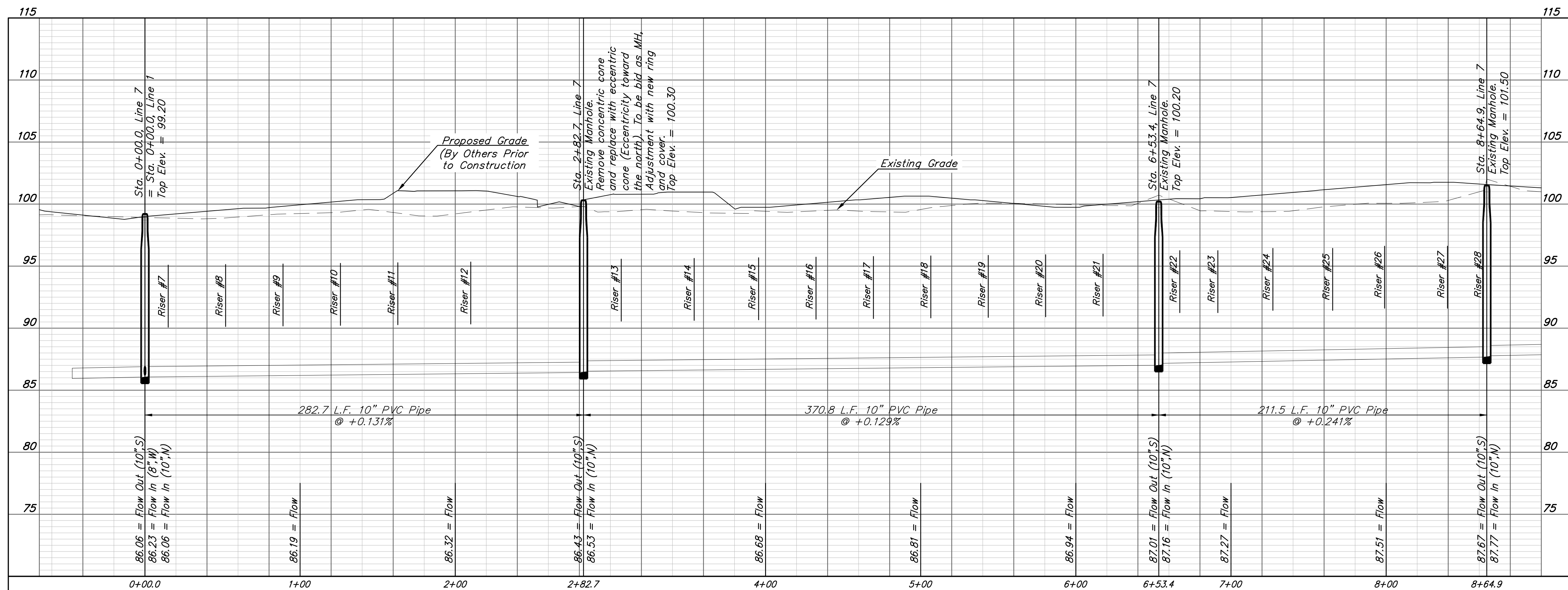
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Existing trees shall be trimmed/removed ONLY with approval of the Developer. Trimming of overhanging limbs will be permitted only with chainsaws. Trees not in direct conflict with new construction shall remain and be protected from damage. Prior to the start of construction, the Contractor shall schedule an on-site meeting with the Developer to discuss treed areas. All trimming and/or removal shall be included in bid item "Site Clearing".

Construct 10"x4" Saddle Taps with risers on existing 10" sanitary sewer at locations shown on this sheet.



REFER TO NEXT SHEET (SHEET 9) FOR RISER TABLE



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BLUE LAKE 3RD ADD.
 Phase I

ADDITIONAL RISERS

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
 23-01-E417

DESIGN: AEG DRAWN: TMS

DATE: October 13, 2023

SHEET **8** OF **22**

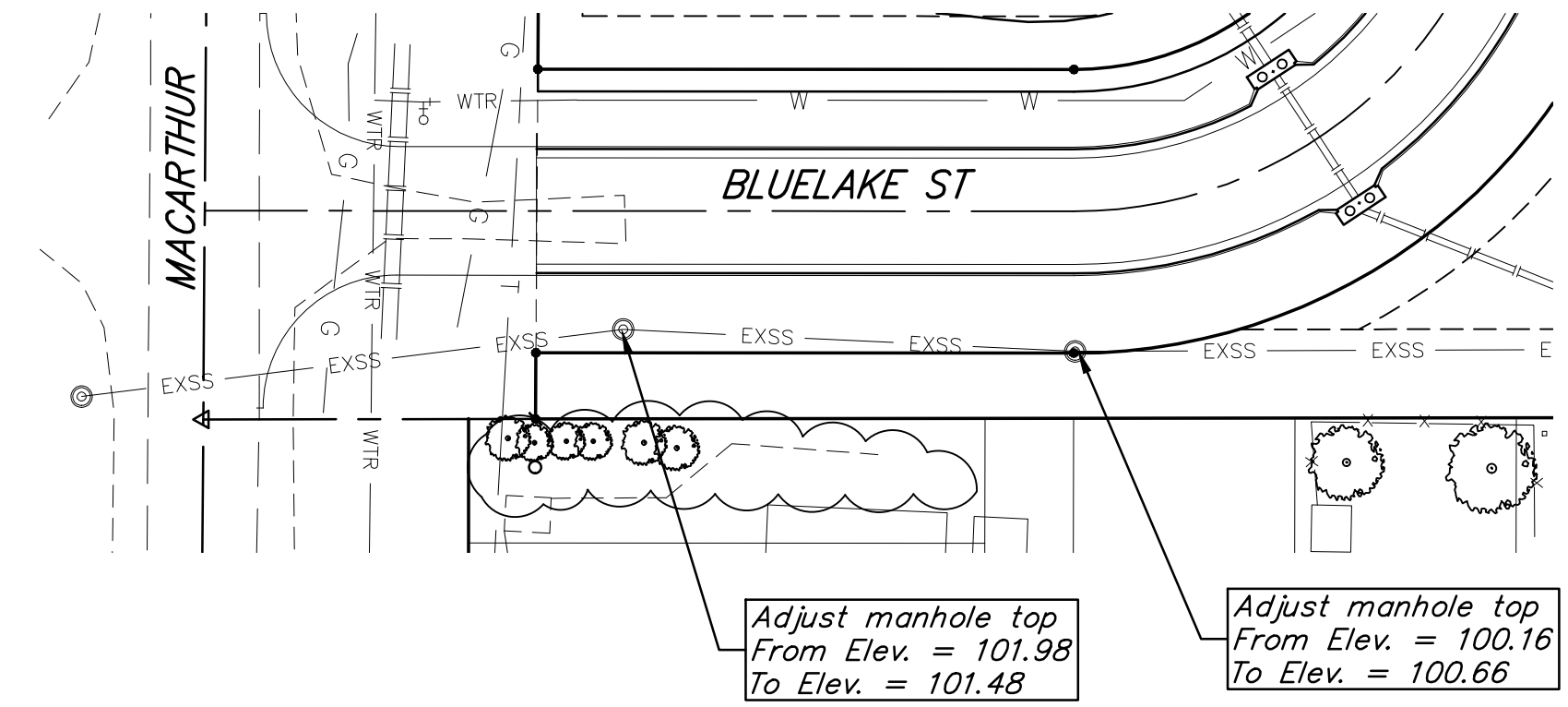
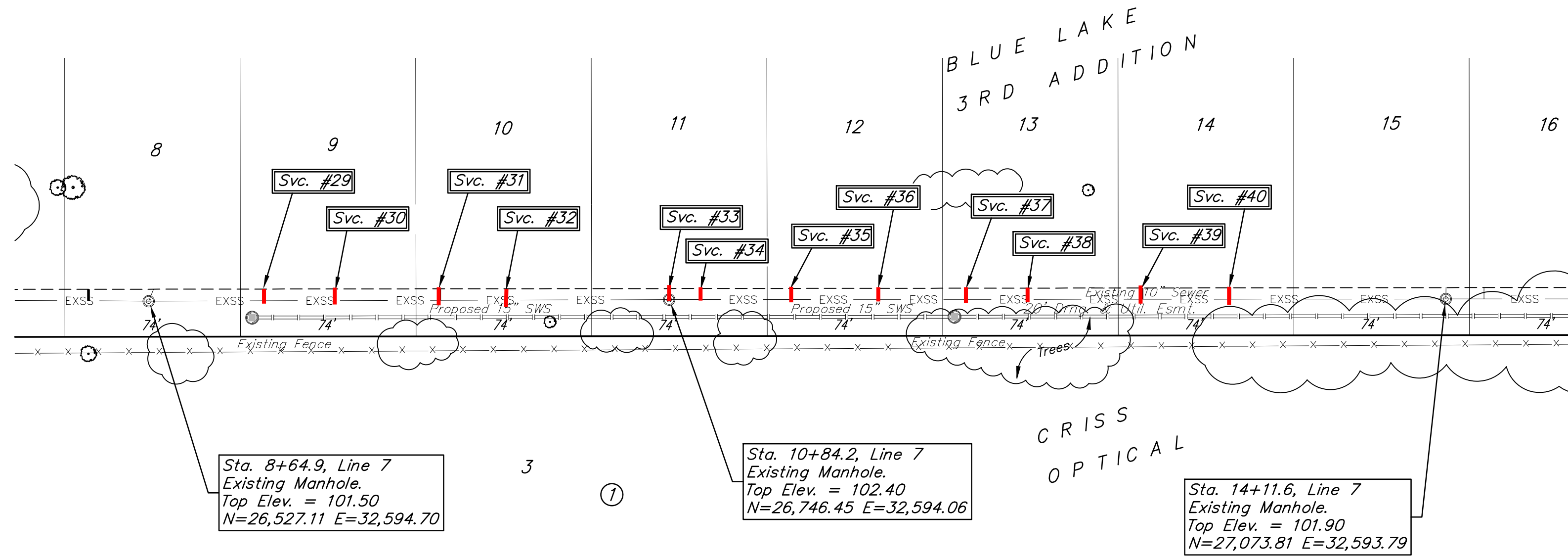
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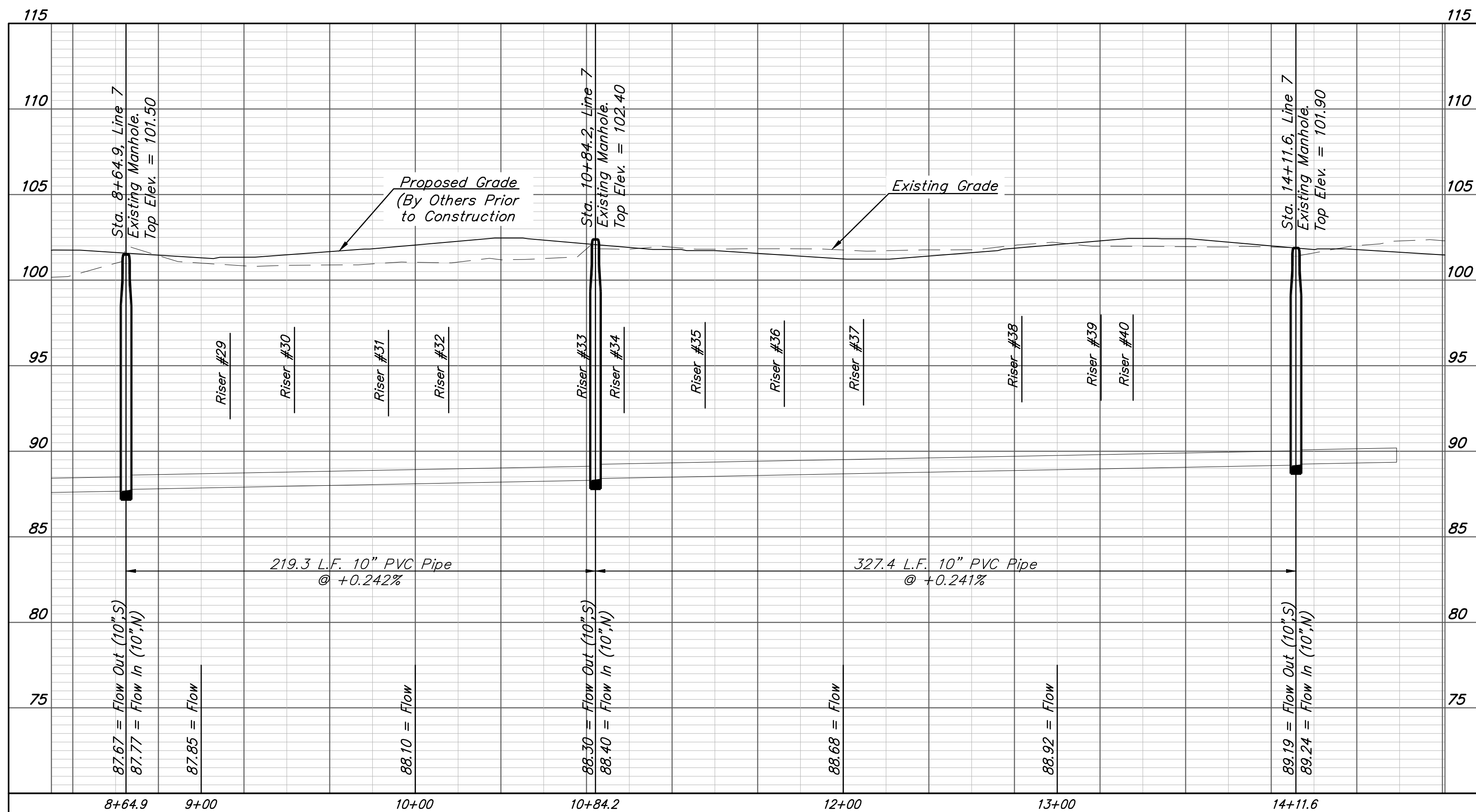
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SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY		Distance from			
		LOT NO.	BLOCK NO.	LINE NO.	STATION \ DIRECTION	APPROXIMATE LENGTH 4" PIPE VERTICAL	HORIZONTAL	Main to Riser (Ll/Rt.)	Upstream MH	Downstream MH
7	10" X 4" Saddle Tap	1	A		0+15.0/Lt.	-	5.0'	5' Lt.	266'	16'
8	10" X 4" Saddle Tap	1	A		0+52.0/Lt.	-	5.0'	5' Lt.	231'	51'
9	10" X 4" Saddle Tap	2	A		0+89.0/Lt.	-	5.0'	5' Lt.	194'	88'
10	10" X 4" Saddle Tap	2	A		1+26.0/Lt.	-	5.0'	5' Lt.	156'	126'
11	10" X 4" Saddle Tap	3	A		1+63.0/Lt.	-	5.0'	5' Lt.	121'	161'
12	10" X 4" Saddle Tap	3	A		2+10.0/Lt.	-	5.0'	5' Lt.	72'	210'
13	10" X 4" Saddle Tap	1	C		3+07.0/Lt.	-	5.0'	5' Lt.	344'	21'
14	10" X 4" Saddle Tap	1	C		3+54.0/Lt.	-	5.0'	5' Lt.	295'	70'
15	10" X 4" Saddle Tap	2	C		3+95.5/Lt.	-	5.0'	5.6' Lt.	254'	111'
16	10" X 4" Saddle Tap	2	C		4+32.5/Lt.	-	5.0'	5.5' Lt.	219'	146'
17	10" X 4" Saddle Tap	3	C		4+69.5/Lt.	-	5.0'	5' Lt.	180'	185'
18	10" X 4" Saddle Tap	3	C		5+06.5/Lt.	-	5.0'	5' Lt.	144'	221'
19	10" X 4" Saddle Tap	4	C		5+43.5/Lt.	-	5.0'	5' Lt.	112'	253'
20	10" X 4" Saddle Tap	4	C		5+80.5/Lt.	-	5.0'	5' Lt.	74'	291'
21	10" X 4" Saddle Tap	5	C		6+17.5/Lt.	-	5.0'	5' Lt.	37'	327'
22	Existing Riser	5	C		6+67.0/Lt.	-	-	-	-	-
23	10" X 4" Saddle Tap	6	C		6+91.5/Lt.	-	5.0'	5' Lt.	173'	38'
24	Existing Riser	6	C		7+27.6/Lt.	-	-	-	-	-
25	10" X 4" Saddle Tap	7	C		7+65.5/Lt.	-	5.0'	5' Lt.	99'	112'
26	Existing Riser	7	C		7+99.6/Lt.	-	-	-	-	-
27	10" X 4" Saddle Tap	8	C		8+39.5/Lt.	-	5.0'	5' Lt.	25'	186'
28	Existing Riser	8	C		8+64.9/Lt.	-	-	-	-	-
29	10" X 4" Saddle Tap	9	C		9+13.5/Lt.	-	5.0'	5' Lt.	171'	48'
30	Existing Riser	9	C		9+43.6/Lt.	-	-	-	-	-
31	10" X 4" Saddle Tap	10	C		9+87.5/Lt.	-	5.0'	5' Lt.	97'	122'
32	Existing Riser	10	C		10+15.6/Lt.	-	-	-	-	-
33	Existing Riser	11	C		10+84.2/Lt.	-	-	-	-	-
34	Existing Riser	11	C		10+97.6/Lt.	-	-	-	-	-
35	10" X 4" Saddle Tap	12	C		11+35.5/Lt.	-	5.0'	5' Lt.	275'	52'
36	10" X 4" Saddle Tap	12	C		11+72.5/Lt.	-	5.0'	5.5' Lt.	238'	89'
37	10" X 4" Saddle Tap	13	C		12+09.5/Lt.	-	5.0'	5' Lt.	200'	127'
38	Existing Riser	13	C		12+35.5/Lt.	-	-	-	-	-
39	10" X 4" Saddle Tap	14	C		12+83.5/Lt.	-	5.0'	5.6' Lt.	126'	201'
40	10" X 4" Saddle Tap	14	C		13+20.5/Lt.	-	5.0'	6' Lt.	90'	237'

NOTE: Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.



23-01-E417

DESIGN: AEG DRAWN: TMS

DATE: October 13, 2023

SHEET 9 OF 22

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IRONS

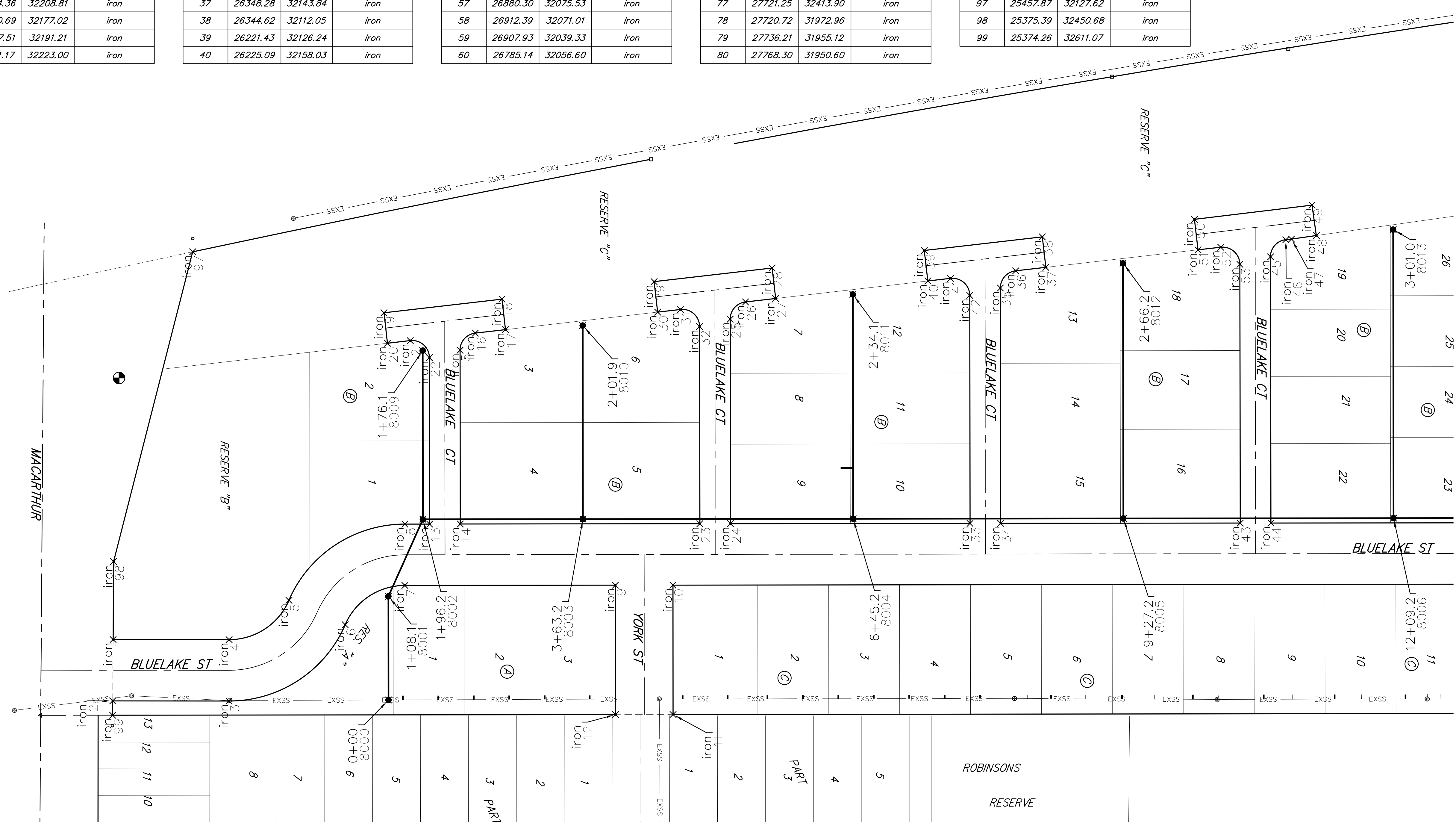
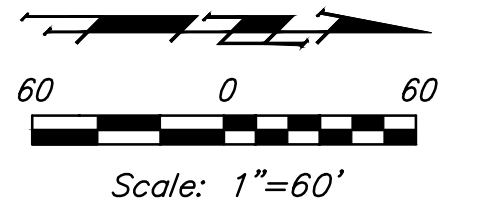
Point Table			
Point #	Northing	Easting	Raw Description
1	25374.82	32532.14	iron
2	25374.37	32596.14	iron
3	25495.83	32596.23	iron
4	25495.88	32532.23	iron
5	25558.33	32491.25	iron
6	25617.06	32516.68	iron
7	25679.38	32475.70	iron
8	25679.30	32411.70	iron
9	25899.10	32475.43	iron
10	25959.10	32475.35	iron
11	25959.26	32610.35	iron
12	25899.26	32610.43	iron
13	25705.19	32411.66	iron
14	25737.19	32411.62	iron
15	25736.97	32230.34	iron
16	25752.91	32212.43	iron
17	25784.36	32208.81	iron
18	25780.69	32177.02	iron
19	25657.51	32191.21	iron
20	25661.17	32223.00	iron

Point Table			
Point #	Northing	Easting	Raw Description
21	25684.92	32220.26	iron
22	25704.98	32238.12	iron
23	25987.19	32411.32	iron
24	26019.19	32411.28	iron
25	26018.93	32197.85	iron
26	26034.87	32179.95	iron
27	26066.32	32176.33	iron
28	26062.66	32144.54	iron
29	25939.47	32158.73	iron
30	25943.13	32190.52	iron
31	25966.88	32187.78	iron
32	25986.94	32205.64	iron
33	26269.19	32410.98	iron
34	26301.19	32410.94	iron
35	26300.89	32165.37	iron
36	26316.83	32147.47	iron
37	26348.28	32143.84	iron
38	26344.62	32112.05	iron
39	26221.43	32126.24	iron
40	26225.09	32158.03	iron

Point Table			
Point #	Northing	Easting	Raw Description
41	26248.84	32155.30	iron
42	26268.90	32173.16	iron
43	26551.19	32410.64	iron
44	26583.19	32410.60	iron
45	26582.85	32132.89	iron
46	26598.79	32114.98	iron
47	26604.69	32114.30	iron
48	26630.60	32110.66	iron
49	26626.14	32078.97	iron
50	26503.43	32093.76	iron
51	26507.09	32125.55	iron
52	26530.80	32122.82	iron
53	26550.86	32140.67	iron
54	26833.19	32410.29	iron
55	26865.19	32410.25	iron
56	26864.80	32093.38	iron
57	26880.30	32075.53	iron
58	26912.39	32071.01	iron
59	26907.93	32039.33	iron
60	26785.14	32056.60	iron

Point Table			
Point #	Northing	Easting	Raw Description
61	26789.60	32088.29	iron
62	26812.31	32085.09	iron
63	26832.82	32102.90	iron
64	27407.25	32409.59	iron
65	27439.25	32409.56	iron
66	27438.76	32012.63	iron
67	27454.26	31994.78	iron
68	27486.35	31990.27	iron
69	27481.89	31958.58	iron
70	27359.10	31975.85	iron
71	27363.56	32007.54	iron
72	27386.27	32004.35	iron
73	27406.78	32022.15	iron
74	27675.53	32409.27	iron
75	27675.60	32473.27	iron
76	27689.25	32409.67	iron
77	27721.25	32413.90	iron
78	27720.72	31972.96	iron
79	27736.21	31955.12	iron
80	27768.30	31950.60	iron

Point Table			
Point #	Northing	Easting	Raw Description
81	27763.85	31918.91	iron
82	27641.06	31936.19	iron
83	27645.51	31967.88	iron
84	27668.22	31964.68	iron
85	27688.73	31982.48	iron
86	27802.97	32448.57	iron
87	27845.77	32477.82	iron
88	27840.95	32568.25	iron
89	27781.88	32562.25	iron
90	27766.86	32501.41	iron
91	27781.93	32608.14	iron
92	27910.97	32607.98	iron
93	27927.62	32607.96	iron
94	27868.23	32580.76	iron
95	27894.88	32522.57	iron
96	27850.89	31751.67	iron
97	25457.87	32127.62	iron
98	25375.39	32450.68	iron
99	25374.26	32611.07	iron







**BAUGHMAN
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BaughmanCo.com

BLUE LAKE 3RD ADD.
Phase I

**COORDINATE
SHEET**

SANITARY SEWER
IMPROVEMENTS

PROJECT NUMBER:
23-01-E417

DESIGN: DRAWN:
DATE: October 9, 2023

SHEET **20** OF **22**

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