

GENERAL NOTES:

1. 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:

- Cox Communications 262-4270
- Kansas Gas Service 1-888-482-4950
- Energ 383-8650
- Black Hills 1-800-303-0357
- AT&T 268-2245
- City of Wichita Water Dept. 268-4563
- City of Wichita Sewer Maint. 268-4024
- City of Wichita Storm Sewer Maint. 268-4090
- City of Wichita Traffic Maint. 268-4034
- Conoco Phillips Pipeline Co. 1-877-267-2290
- Southern Star Pipeline Co. 529-6600
- Kinder-Morgan Pipeline Co. 1-888-844-5658

2. Utility service lines, poles, valve boxes, meters, and etcetera 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.

3. 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 would 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 would require additional archaeological investigations unless buried in a previously approved borrow location.

4. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.

5. 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.

6. 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.

7. 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 BMP's."

8. All excess excavation shall remain on-site and shall be stockpiled or spread at a location determined by the Engineer.

9. The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractor's proposed method for maintaining sewage flow shall be approved by the Engineer. Cost of maintaining flow of sewage through construction will not be paid for directly and this cost shall be considered as subsidiary to the other pay items of work.

10. All areas disturbed during construction shall be seeded, mulched, and fertilized as follows:

SEED -- Rye grass (PLS)--5#/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".

11. Trees and shrubs in the work area which are in direct conflict with proposed new construction shall be removed by the Contractor ONLY with the Developer or Baughman Company approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage. If trimming is necessary, a chainsaw shall be used. Breaking limbs with equipment will not be allowed. An on-site pre-construction meeting will occur prior to any construction to discuss tree removal, tree protection, and tree trimming.

12. This project is located in the City of Maize but bid through the City of Wichita.

13. Groundwater Elevation = 1342.0 (June 2022)

14. The Developer for this project is Mike Strelow.
1831 S. Anna, Wichita, KS 67209
PH# (316) 262-1230 Email mike@cm3mechanical.com

SANITARY SEWER IMPROVEMENTS to serve FOX CREEK ADDITION

CITY OF MAIZE, KANSAS

Gary Janzen, P.E. City Engineer

Project Number: 468-2022-035881

Org Code Number: 47268023

Munis Number: E3050

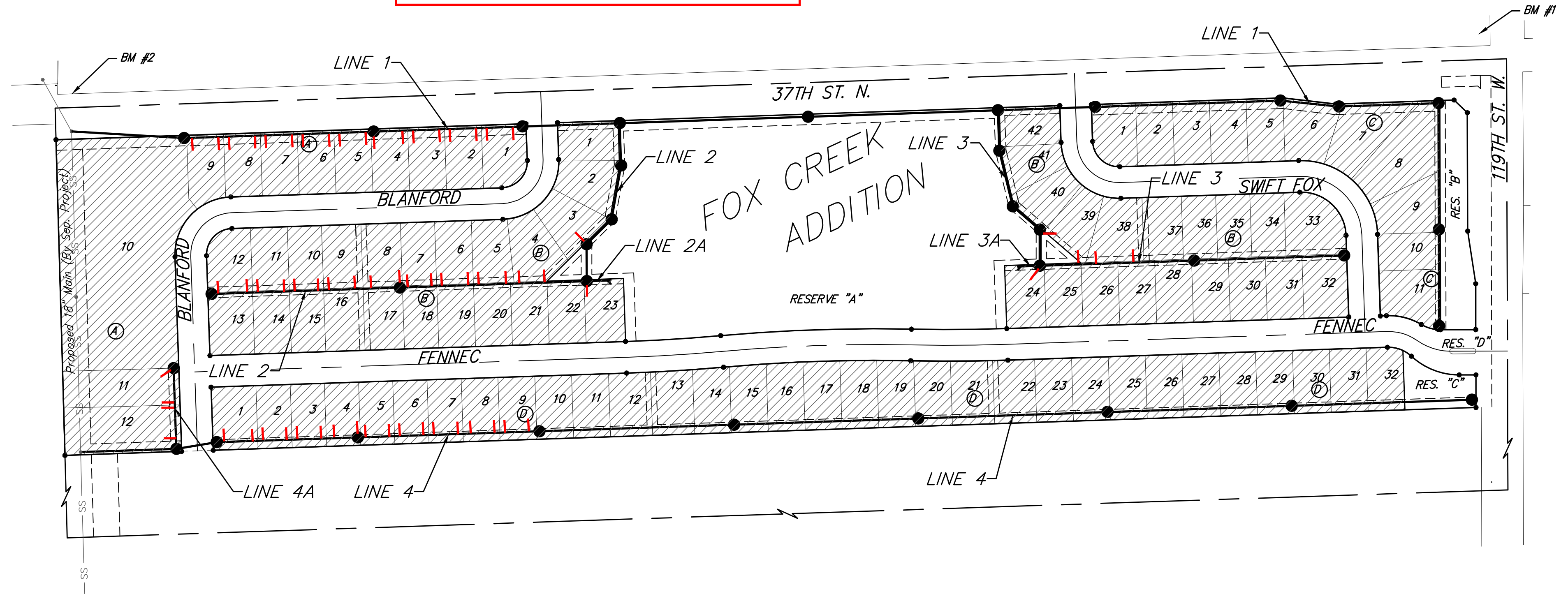
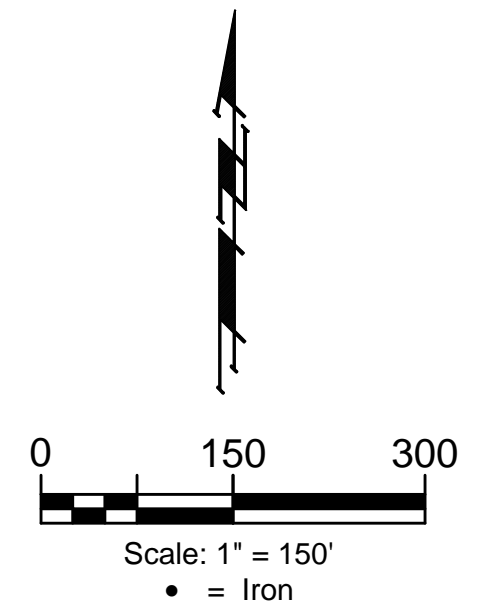
BENCHMARKS

BM#1: RR Spike W Face Light Pole.
70' NW of NE Sec. Corner @ NW
Corner of 37th St N & 119th St W
Elev. = 1361.80 (NAVD88)

BM#2: RR Spike S Face of PP. 43'
ENE of N 1/4 Corner @ N Side of
37th St N
Elev. = 1359.54 (NAVD88)

NOTE:
Line 4A was not installed. The outside drop associated with the manhole at Sta. 00+00 was installed and capped off. Rest of sanitary sewer project was built per plan.

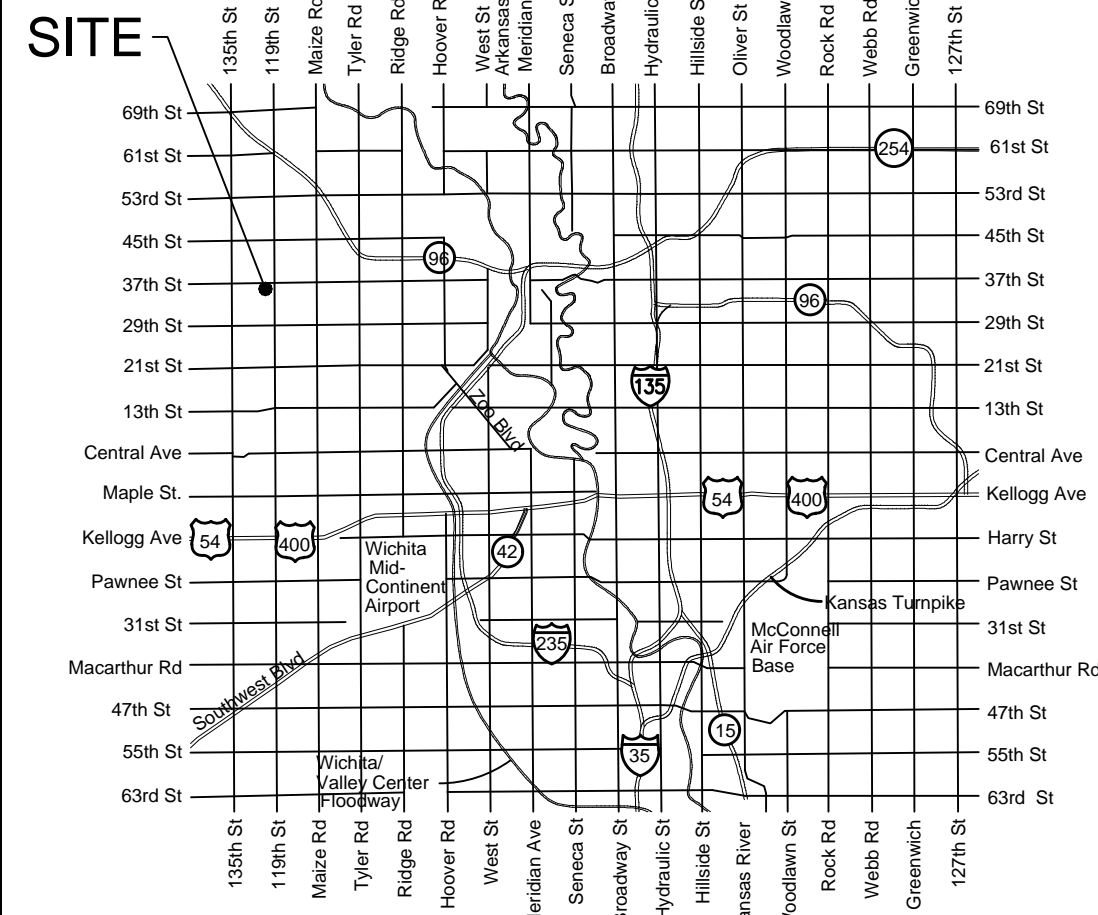
Apex Excavating - Contractor
S. Lowe - City of Wichita, Field Project Engineer
R. Carillo - City of Wichita, Inspector
As-built
Stubs & Risers
Release Date (for connection purposes only): 10/19/2023
Completion Date:
pdf: apr 2/16/2024



Groundwater Elev ≈
1342.0 (June 2022)

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VICINITY MAP

CONSTRUCTION PHASING

The goal of the phasing is to limit the number of crossings and protective fill required for minimum cover. The projects need to be completed in the order below. If the same Contractor is awarded all projects, construction may be completed in the Contractor's desired order.

- 1) All Sanitary Sewer Lines and Services, excluding Services 43-45. (Bid through City of Wichita)
- 2) All Stormwater Sewer Lines, Mass Grading, and Pond under separate contract. (Bid through City of Maize)
- 3) All Water Lines and Sanitary Sewer Services 43-45 can be completed concurrently. (Bid through City of Wichita)



February 13, 2023

BENEFIT DISTRICT

BAUGHMAN COMPANY
315 Ellis St. Wichita, KS 67211 316-262-7271
BaughmanCo.com

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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: WDS_SS to serve Fox Creek Addition

Project Location: south of 37th Street N, west of 119th Street W

Project No: 448-2022-036891_468-2022-035881

MUNIS No: E3051/47120123_E3050/47268023

Contractor: Apex Excavating LLC

Inspector: R. Carrillo

Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)	Vertical Offset	Distance from		Comment
					Upstream MH	Downstream MH	
1	1	2+29.1	15 RT	11.2	15'	345'	
2	1	2+79.1	15 RT	10.7	65'	295'	
3	1	2+99.1	15 RT	10.7	85'	275'	
4	1	3+49.1	15 RT	10.5	135'	225'	
5	1	3+69.1	15 RT	10.4	155'	205'	
6	1	4+19.1	15 RT	10.2	205'	155'	
7	1	4+39.1	15 RT	9.7	225'	135'	
8	1	4+89.1	15 RT	9.5	275'	85'	
9	1	5+09.1	15 RT	9.4	295'	65'	
10	1	5+59.1	15 RT	9.1	345'	15'	
11	1	5+74.1	15 RT	10	At MH		
12	1	6+29.1	15 RT	8.7	55'	228'	
13	1	6+49.1	15 RT	8.6	75'	208'	
14	1	6+99.1	15 RT	8.7	125'	158'	
15	1	7+19.1	15 RT	8.7	145'	138'	
16	1	7+69.1	15 RT	8.5	195'	88'	
17	1	7+89.1	15 RT	9.5	215'	68'	
18	1	8+39.1	15 RT	9.3	265'	18'	
19	2	2+46.4	12.9 RT	6.9	At MH		
20	2	3+16.8	6.9 LT	6.1	At MH		
21	2A	0+39	5.6 RT	5.6	39'	Cleanout	
22	2	3+96.8	14.1 RT	4.2	75'	280'	
23	2	4+44.7	13 RT	4.5	122.9'	232.1'	
24	2	4+70.1	13 RT	4.8	148.3'	206.7'	
25	2	5+21.8	13 RT	5	200'	155'	
26	2	5+41.8	13 RT	5	220'	135'	
27	2	5+91.8	13 RT	4.6	270'	85'	
28	2	6+11.8	13 RT	3.9	290'	65'	
29	2	6+65.8	13 RT	3.5	344'	11'	
30	2	6+71.8	13 RT	4.3	At MH		
31	2	7+26.8	13 RT	2.7	50'	308'	
32	2	7+56.8	13 RT	2.6	80'	278'	
33	2	8+06.8	13 RT	2.7	130'	228'	
34	2	8+26.8	13 RT	3	150'	208'	
35	2	8+71.8	13 RT	3	195'	163'	
36	2	8+91.8	13 RT	3.4	215'	143'	
37	2	9+41.8	13 RT	3.5	265'	93'	
38	2	9+61.8	13 RT	3.8	285'	73'	



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Project No: 448-2022-036891_468-2022-035881
MUNIS No: E3051/47120123_E3050/47268023
Contractor: Apex Excavating LLC
Inspector: R. Carrillo

Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)	Vertical Offset	Distance from		Comment
					Upstream MH	Downstream MH	
39	2	10+16.8	13 RT	3.3	340'	18'	
40	3	2+60.5	28.1 LT		6.9'	61.8'	
41	3	3+22.3	8 RT	1	At MH		
42	3A	0+35.5	10 LT		35.5'	Cleanout	
43	3	3+95.8	21.2 LT		73.5'	220'	
44	3	4+29.8	13 LT		107.5'	186'	
45	3	5+00.7	13 LT		178.4'	115.1'	
46	4	2+72.4	5 LT	11.5	13'	255.4'	
47	4	3+27.8	5 LT	10.8	68.4'	200'	
48	4	3+47.8	5 LT	10.2	88.4'	180'	
49	4	3+92.8	5 LT	10	133.4'	135'	
50	4	4+12.8	5 LT	9.5	153.4'	115'	
51	4	4+57.8	5 LT	9.2	198.4'	70'	
52	4	4+82.8	5 LT	8.6	223.4'	45'	
53	4	5+27.8	5 LT	9.7	At MH		
54	4	5+42.8	5 LT	8.7	15'	330'	
55	4	5+87.8	5 LT	8.6	60'	285'	
56	4	6+07.8	5 LT	8.8	80'	265'	
57	4	6+52.8	5 LT	8.5	125'	220'	
58	4	6+72.8	5 LT	8.3	145'	200'	
59	4	7+17.8	5 LT	8.1	190'	155'	
60	4	7+42.8	5 LT	8.3	215'	130'	
61	4	7+87.8	5 LT	8.2	260'	85'	
62	4	8+07.8	5 LT	8.1	280'	65'	
63	4	8+52.8	5 LT	7.8	325'	20'	
64	4A	0+20	10 LT	2.1	20'	133.5'	
65	4A	0+78.6	10 LT	1.5	78.6'	74.9'	not installed
66	4A	0+88.6	10 LT	1.4	88.6'	64.9'	
67	4A	1+53.5	11 LT	1.6	At MH		

BENCHMARKS:
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 70' NW of NE Sec. Corner @ NW
 Corner of 37th St N & 119th St W
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 BM#2: RR Spike S Face of PP. 43'
 ENE of N 1/4 Corner @ N Side of
 37th St N
 Elev. = 1359.54 (NAVD88)

Riser Number	Distance from Main to Riser (Lt./Rt.)	Distance from	
		Upstream MH	Downstream MH
1	15' Rt.	15'	345'
2	15' Rt.	65'	295'
3	15' Rt.	85'	275'
4	15' Rt.	135'	225'
5	15' Rt.	155'	205'
6	15' Rt.	205'	155'
7	15' Rt.	225'	135'
8	15' Rt.	275'	85'
9	15' Rt.	295'	65'
10	15' Rt.	345'	15'
11	15' Rt.	@ mh	@ mh
12	15' Rt.	55'	228'
13	15' Rt.	75'	208'
14	15' Rt.	125'	158'
15	15' Rt.	145'	138'
16	15' Rt.	195'	88'
17	15' Rt.	215'	68'
18	15' Rt.	265'	18'

Sta. 0+00.0, Begin Line 1
 Connect to Proposed Outside
 Drop and Extend Pipe East.
 See Note, This Sheet.
 Top Elev. = 1360.50

Sta. 2+14.1, Line 1
 Const. Std. Manhole
 (5' Dia.)
 Top Elev. = 1358.90

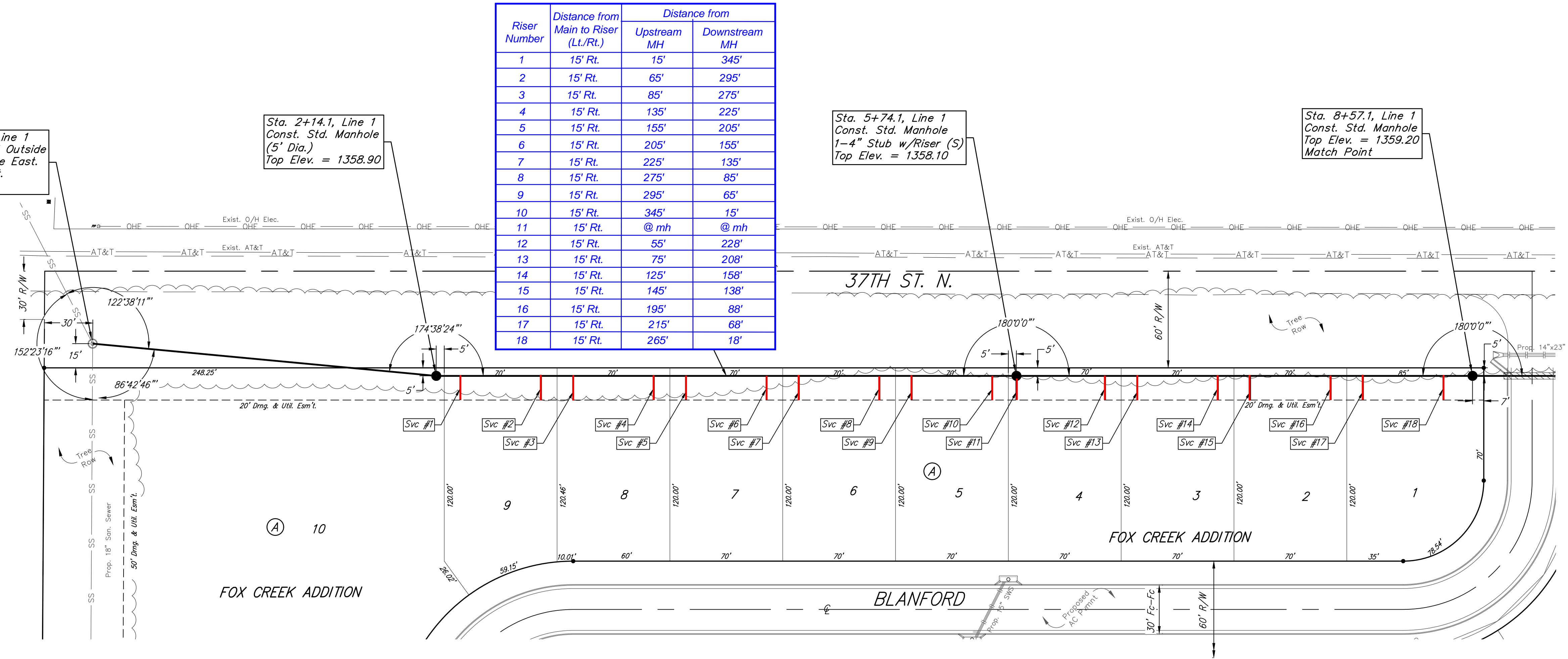
Sta. 5+74.1, Line 1
 Const. Std. Manhole
 1-4" Stub w/Riser (S)
 Top Elev. = 1358.10

Sta. 8+57.1, Line 1
 Const. Std. Manhole
 Top Elev. = 1359.20
 Match Point

UNPLATTED

GREGORY A NEVILLE
 21916 W 29TH ST N
 ANDALE, KS 67001-9669

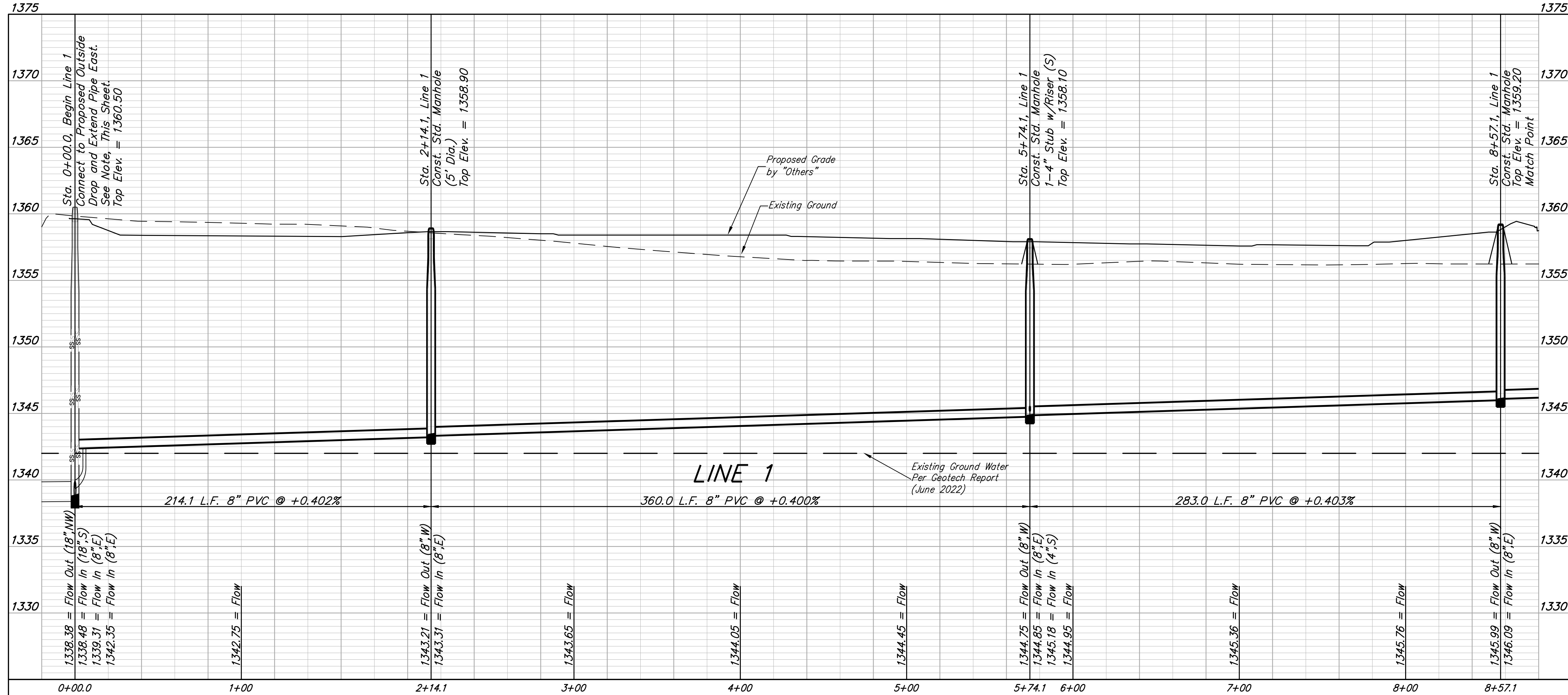
NOTE:
 Proposed Outside Drop to be Installed and Capped with 18"
 Main Project. Contractor to Remove Cap at Top of Riser,
 Connect Wye at Proposed Elevation, Core New Top Opening,
 Seal and Grout Around New Pipe Using Non-Shrink Grout.
 All Costs to be Incidental to "Connect to Existing" Bid Item.



For Service Table, See Sheet 3

Groundwater Elevation = 1342.0 (June 2022)

Existing trees which are in direct conflict with proposed new construction shall be removed by the Contractor ONLY with approval of the Engineer. Trees not in direct conflict with proposed new construction shall remain and be protected from damage. Cost shall be included in bid item "Site Clearing"



BRENT WOOLEY
 LICENSED
 8470
 02/13/2023
 KANSAS
 PROFESSIONAL ENGINEER

B

BAUGHMAN COMPANY

315 Ellis St.
 Wichita, KS 67211
 316-262-7271
 BaughmanCo.com

FOX CREEK ADDITION

LINE 1

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
 468-2022-035881

DESIGN: NBW DRAWN: HJW

DATE: February 13, 2023

SHEET OF
2 27

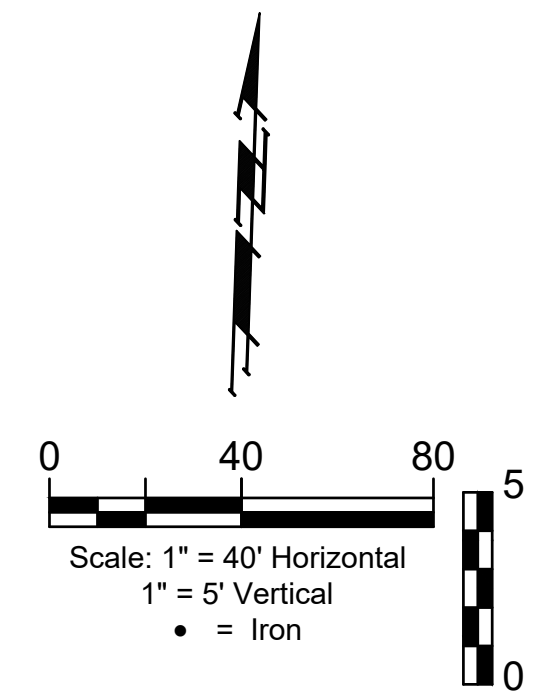
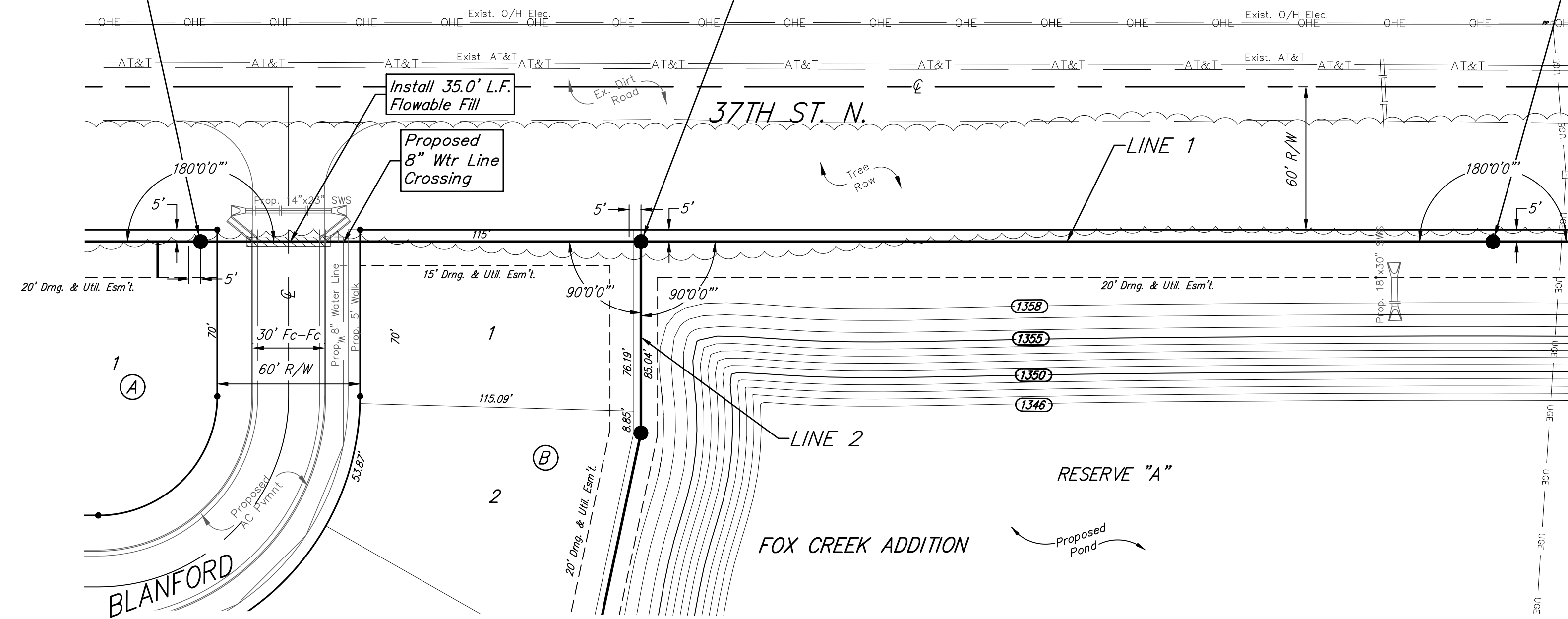
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BENCHMARKS:
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 Elev. = 1361.80 (NAVD88)
 BM#2: RR Spike S Face of PP. 43'
 ENE of N 1/4 Corner @ N Side of
 37th St N
 Elev. = 1359.54 (NAVD88)

Sta. 8+57.1, Line 1
 Top Elev. = 1359.20
 Match Point

Sta. 10+42.1, Line 1 =
 Sta. 0+00, Line 2
 Const. Std. Manhole
 Top Elev. = 1357.30

Sta. 14+00.0, Line 1
 Const. Std. Manhole
 Top Elev. = 1356.60
 Match Point



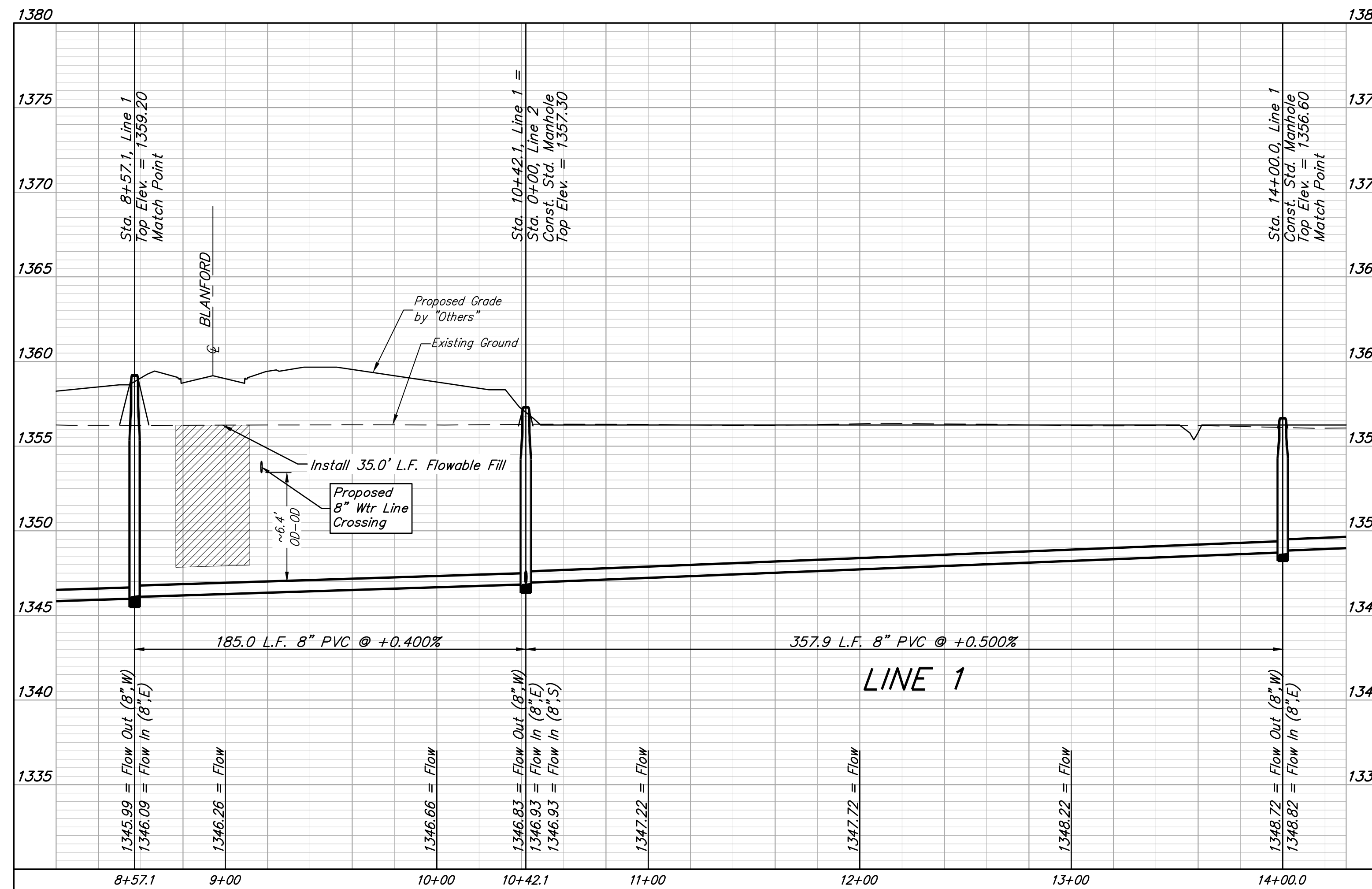
Existing trees which are in direct conflict with proposed new construction shall be removed by the Contractor ONLY with approval of the Engineer. Trees not in direct conflict with proposed new construction shall remain and be protected from damage. Cost shall be included in bid item "Site Clearing"

2-foot minimum vertical separation between water service lines and all sanitary sewer lines shall be maintained at crossings. 10-foot horizontal separation between water service lines and all sanitary sewer lines and manholes shall be maintained. Distances are to be measured from edge-to-edge, at the closest point.

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION / DIRECTION	APPROXIMATE LENGTH 4" PIPE	
						VERTICAL	HORIZONTAL
1	8" X 4" Tee	9	A	1	2+29.1/Rt.	11.3	15.0
2	8" X 4" Tee	9	A	1	2+79.1/Rt.	10.7	15.0
3	8" X 4" Tee	8	A	1	2+99.1/Rt.	10.7	15.0
4	8" X 4" Tee	8	A	1	3+49.1/Rt.	10.5	15.0
5	8" X 4" Tee	7	A	1	3+69.1/Rt.	10.4	15.0
6	8" X 4" Tee	7	A	1	4+19.1/Rt.	10.2	15.0
7	8" X 4" Tee	6	A	1	4+39.1/Rt.	9.7	15.0
8	8" X 4" Tee	6	A	1	4+89.1/Rt.	9.5	15.0
9	8" X 4" Tee	5	A	1	5+09.1/Rt.	9.4	15.0
10	8" X 4" Tee	5	A	1	5+59.1/Rt.	9.1	15.0
11	4" Stub	4	A	1	5+74.1/Rt.	10.0	15.0
12	8" X 4" Tee	4	A	1	6+29.1/Rt.	8.7	15.0
13	8" X 4" Tee	3	A	1	6+49.1/Rt.	8.6	15.0
14	8" X 4" Tee	3	A	1	6+99.1/Rt.	8.7	15.0
15	8" X 4" Tee	2	A	1	7+19.1/Rt.	8.7	15.0
16	8" X 4" Tee	2	A	1	7+69.1/Rt.	8.5	15.0
17	8" X 4" Tee	1	A	1	7+89.1/Rt.	9.5	15.0
18	8" X 4" Tee	1	A	1	8+39.1/Rt.	9.3	15.0

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



BAUGHMAN COMPANY
 315 Ellis St.
 Wichita, KS 67211
 316-262-7271
 BaughmanCo.com

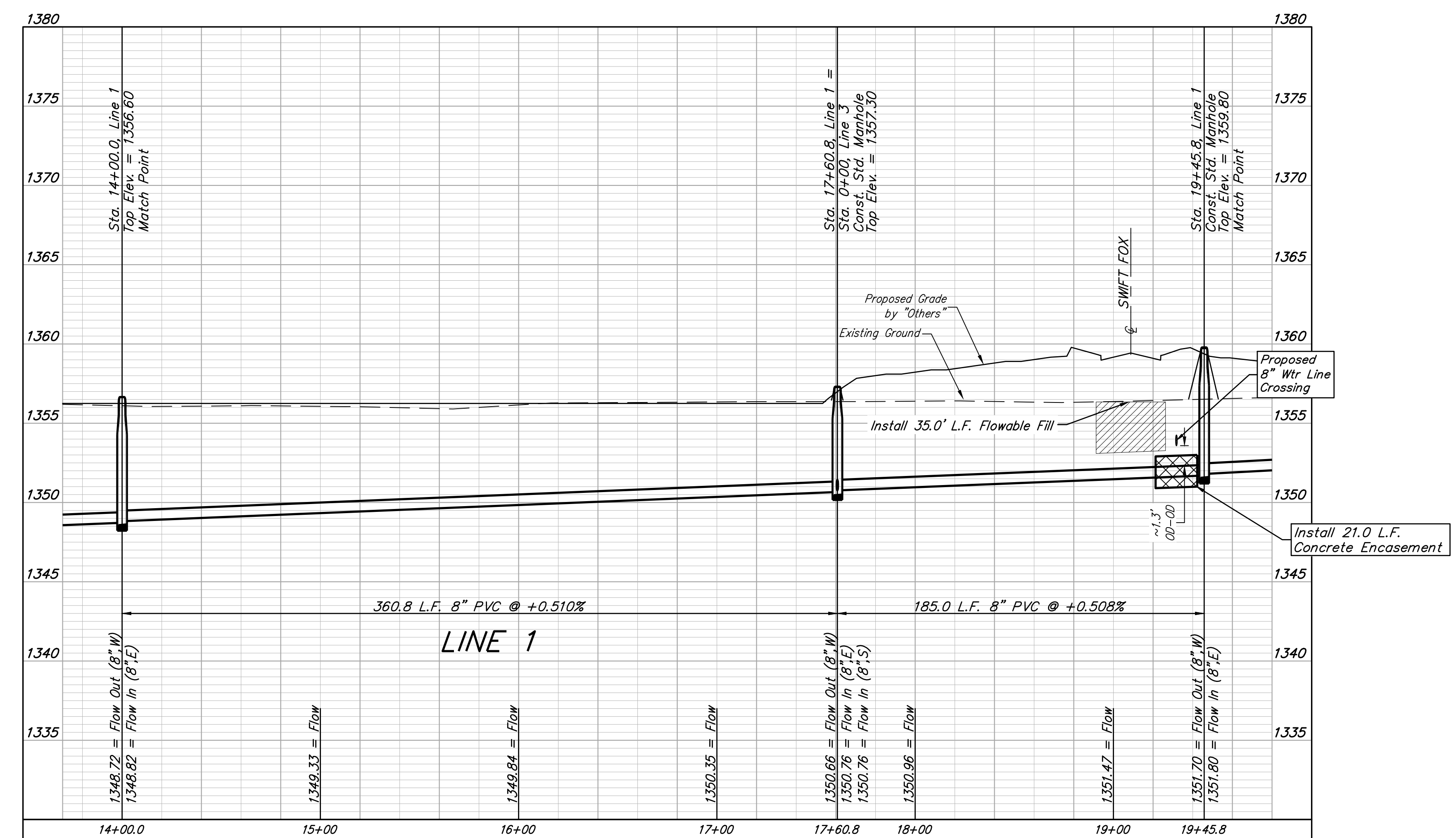
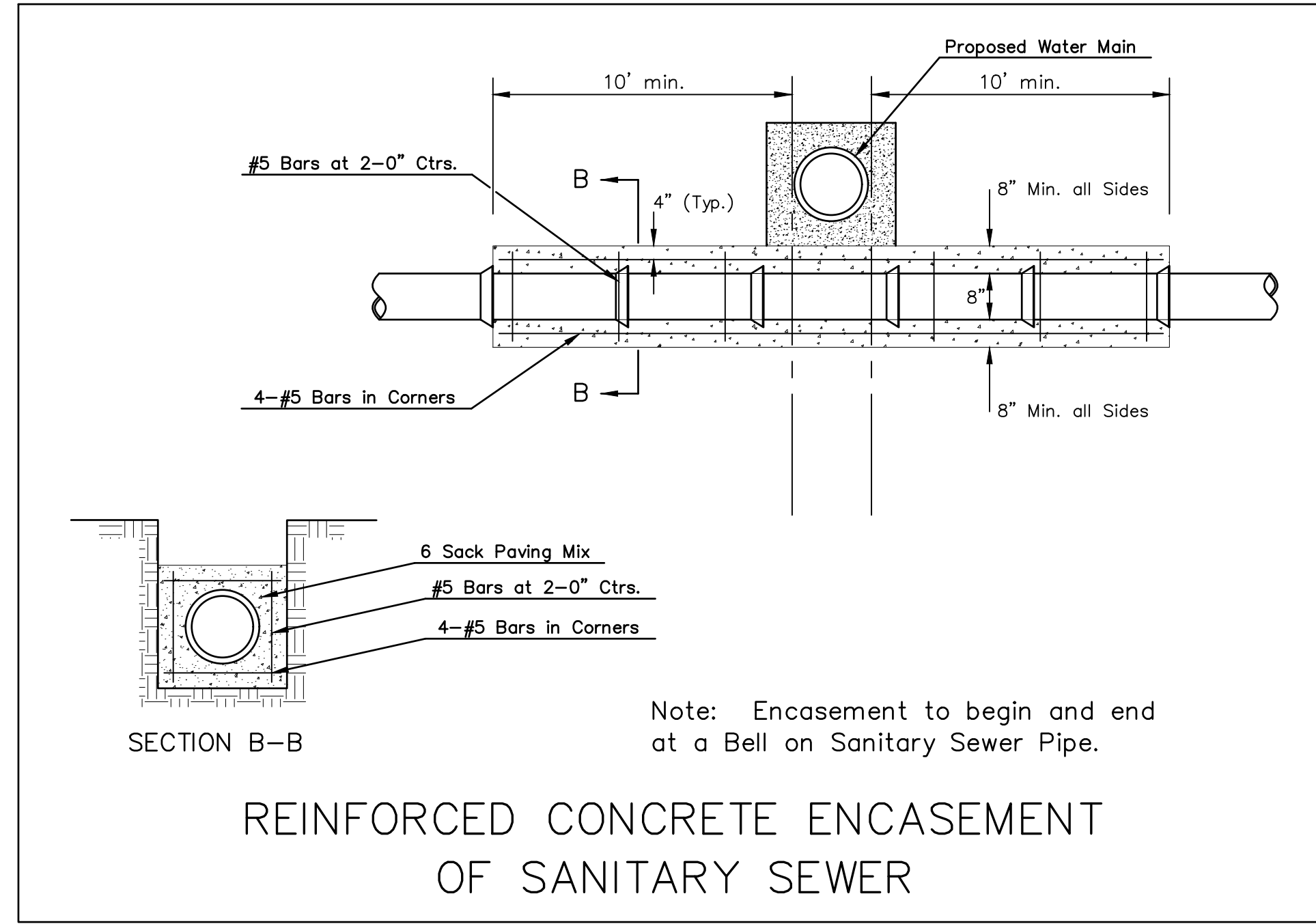
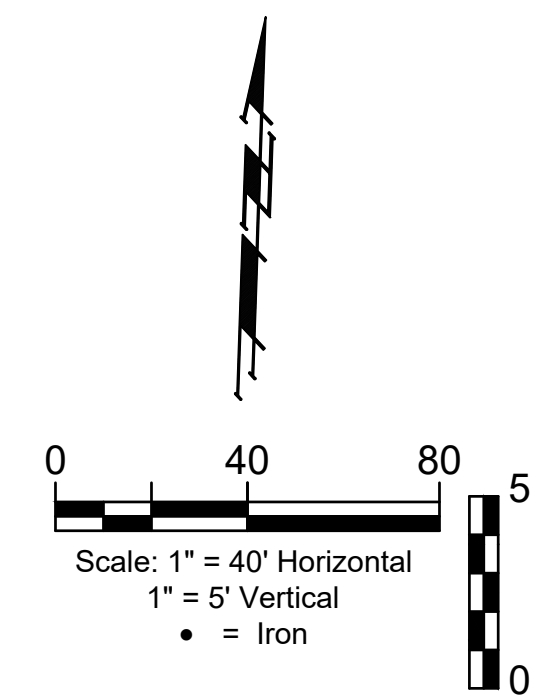
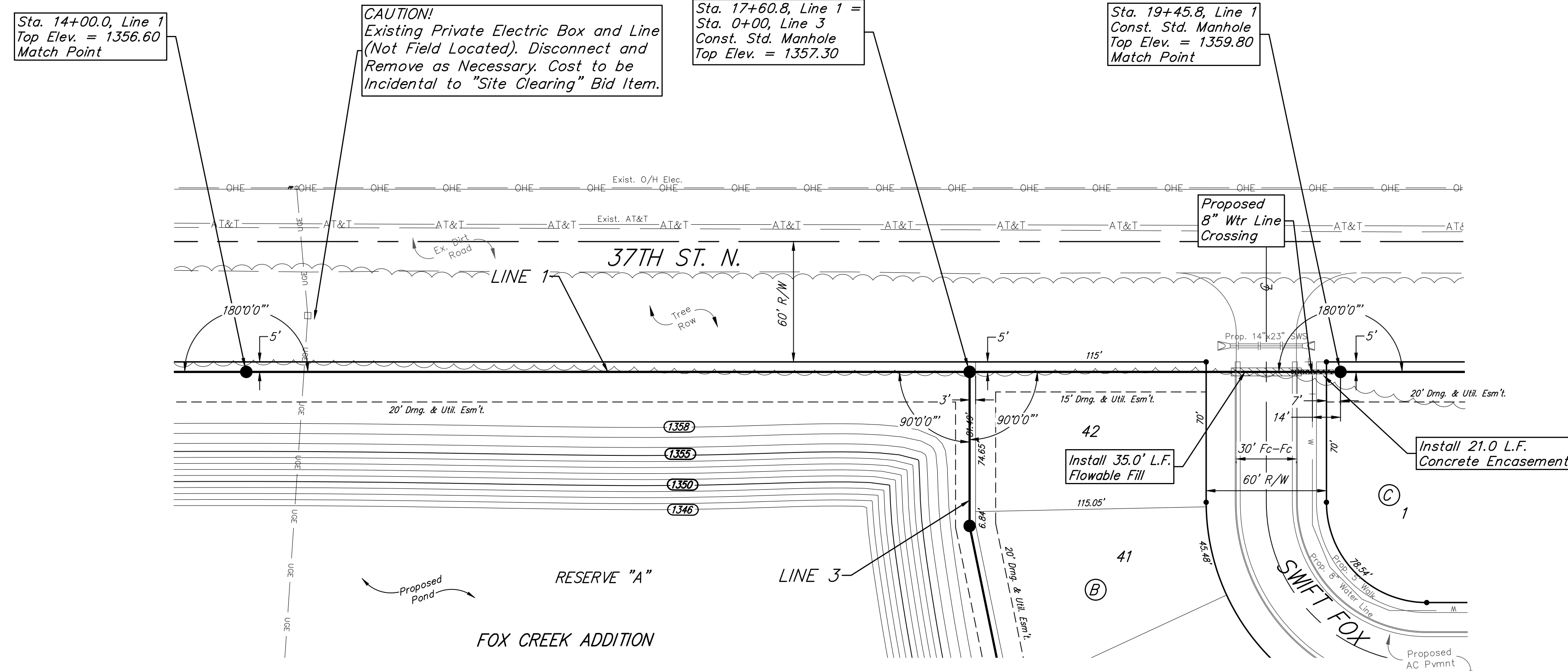
FOX CREEK ADDITION
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Existing trees which are in direct conflict with proposed new construction shall be removed by the Contractor ONLY with approval of the Engineer. Trees not in direct conflict with proposed new construction shall remain and be protected from damage. Cost shall be included in bid item "Site Clearing"

2-foot minimum vertical separation between water service lines and all sanitary sewer lines shall be maintained at crossings.
 10-foot horizontal separation between water service lines and all sanitary sewer lines and manholes shall be maintained. Distances are to be measured from edge-to-edge, at the closest point.





BAUGHMAN COMPANY
 315 Ellis St.
 Wichita, KS 67211
 316-262-7271
 BaughmanCo.com

FOX CREEK ADDITION

LINE 1

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
468-2022-035881

DESIGN: NBW DRAWN: HJW
DATE: February 13, 2023

SHEET **4** OF **27**

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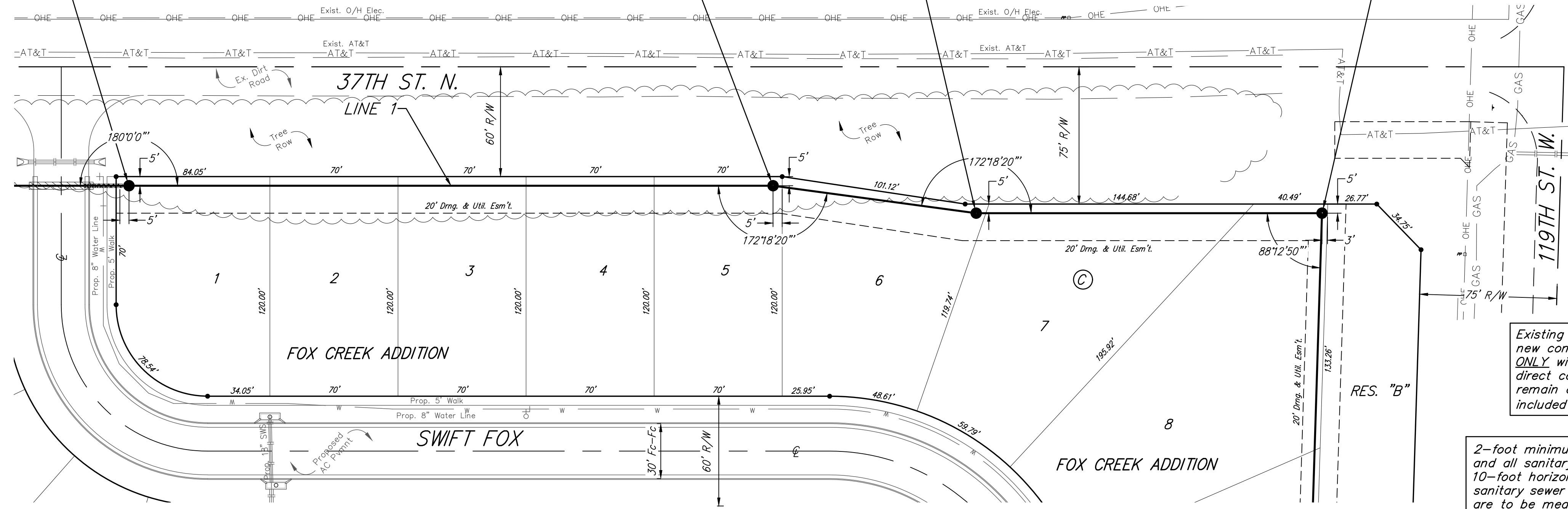
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 Elev. = 1359.54 (NAVD88)

Sta. 19+45.8, Line 1
 Top Elev. = 1359.80
 Match Point

Sta. 22+97.8, Line 1
 Const. Shallow Manhole
 Top Elev. = 1359.80

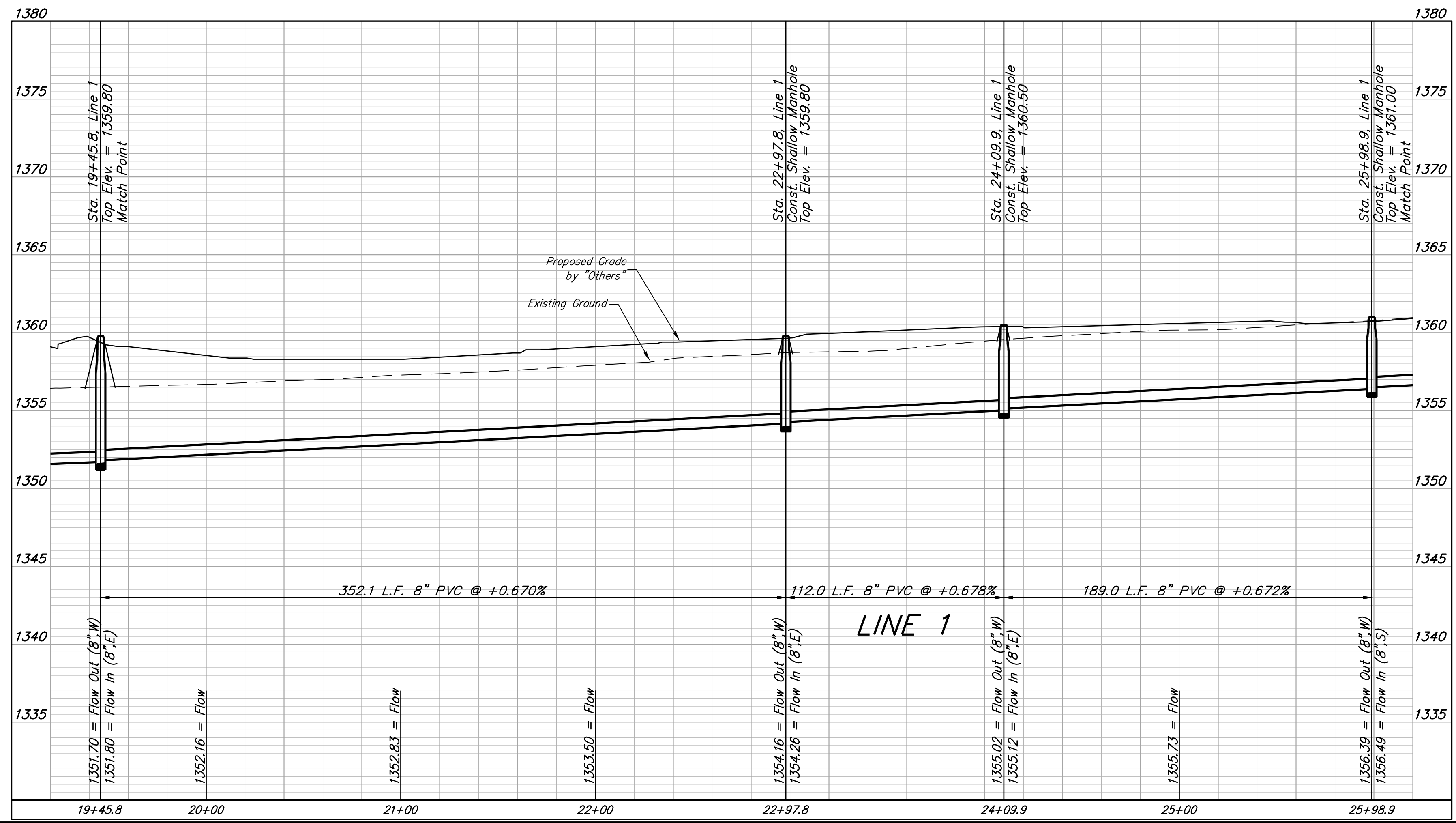
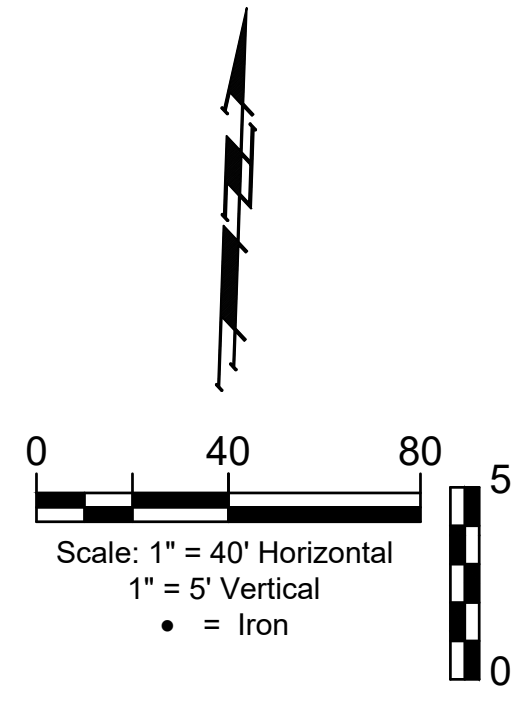
Sta. 24+09.9, Line 1
 Const. Shallow Manhole
 Top Elev. = 1360.50

Sta. 25+98.9, Line 1
 Const. Shallow Manhole
 Top Elev. = 1361.00
 Match Point



Existing trees which are in direct conflict with proposed new construction shall be removed by the Contractor ONLY with approval of the Engineer. Trees not in direct conflict with proposed new construction shall remain and be protected from damage. Cost shall be included in bid item "Site Clearing"

2-foot minimum vertical separation between water service lines and all sanitary sewer lines shall be maintained at crossings. 10-foot horizontal separation between water service lines and all sanitary sewer lines and manholes shall be maintained. Distances are to be measured from edge-to-edge, at the closest point.



BAUGHMAN COMPANY
 315 Ellis St.
 Wichita, KS 67211
 316-262-7271
 BaughmanCo.com

FOX CREEK ADDITION
LINE 1
 SANITARY SEWER IMPROVEMENTS
 PROJECT NUMBER: 468-2022-035881
 DESIGN: NBW DRAWN: HJW
 DATE: February 13, 2023
 SHEET 5 OF 27

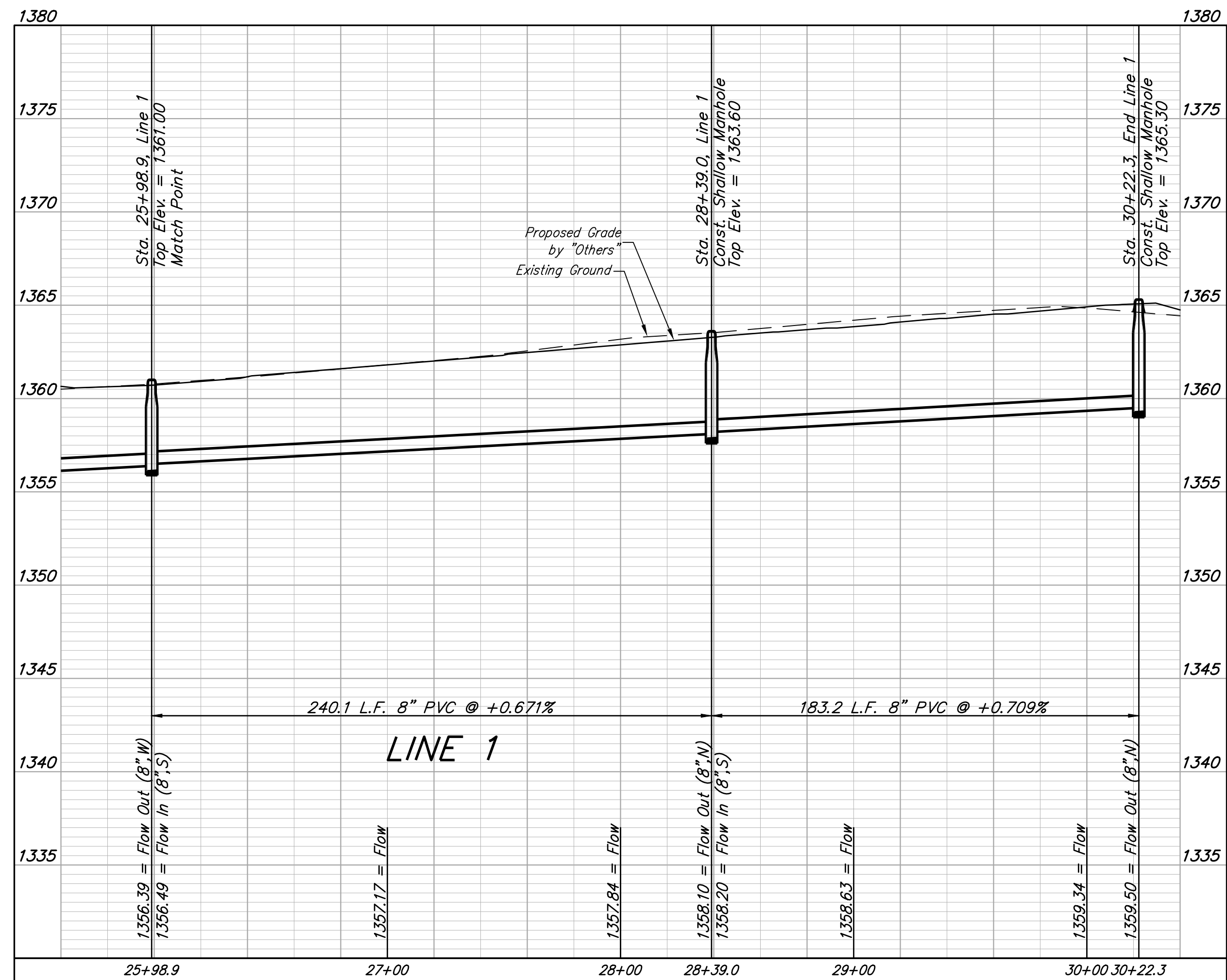
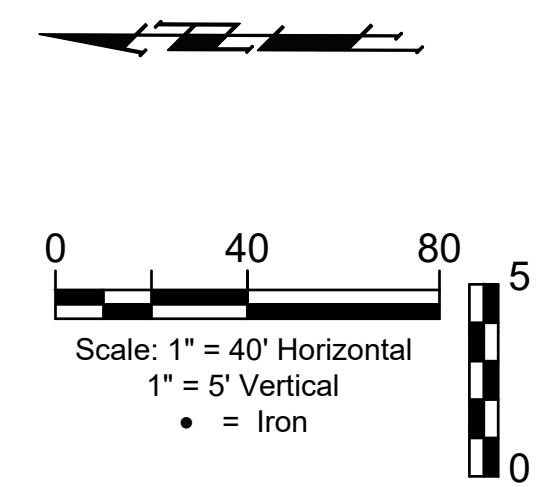
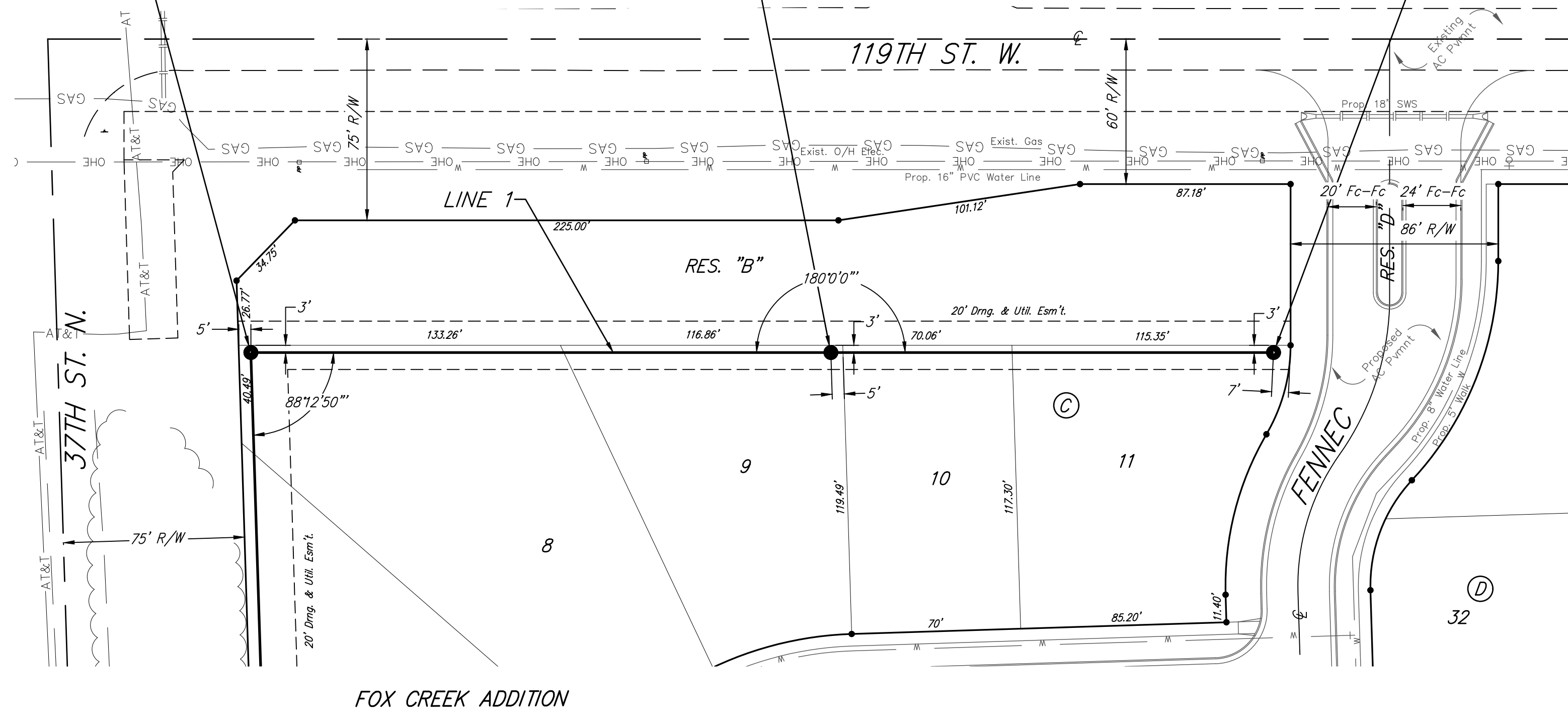
File: E:\Projects\Fox Creek Addition\Phase 1\SS 22-10-E321\SS Plans.dwg

BENCHMARKS:
 BM#1: RR Spike W Face Light Pole.
 70' NW of NE Sec. Corner @ NW
 Corner of 37th St N & 119th St W
 Elev. = 1361.80 (NAVD88)
 BM#2: RR Spike S Face of PP. 43'
 ENE of N 1/4 Corner @ N Side of
 37th St N
 Elev. = 1359.54 (NAVD88)

Sta. 25+98.9, Line 1
 Top Elev. = 1361.00
 Match Point

Sta. 28+39.0, Line 1
 Const. Shallow Manhole
 Top Elev. = 1363.60

Sta. 30+22.3, End Line 1
 Const. Shallow Manhole
 Top Elev. = 1365.30





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FOX CREEK ADDITION

LINE 1

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
468-2022-035881

DESIGN: NBW DRAWN: HJW
 DATE: February 13, 2023

SHEET **6** OF **27**

File: E:\Projects\Fox Creek Addition_21-112-F733\Engineering\Phase 1\SS 22-10-E321\SS Plans.dwg

BENCHMARKS:
 BM#1: RR Spike W Face Light Pole.
 70' NW of NE Sec. Corner @ NW
 Corner of 37th St N & 119th St W
 Elev. = 1361.80 (NAVD88)

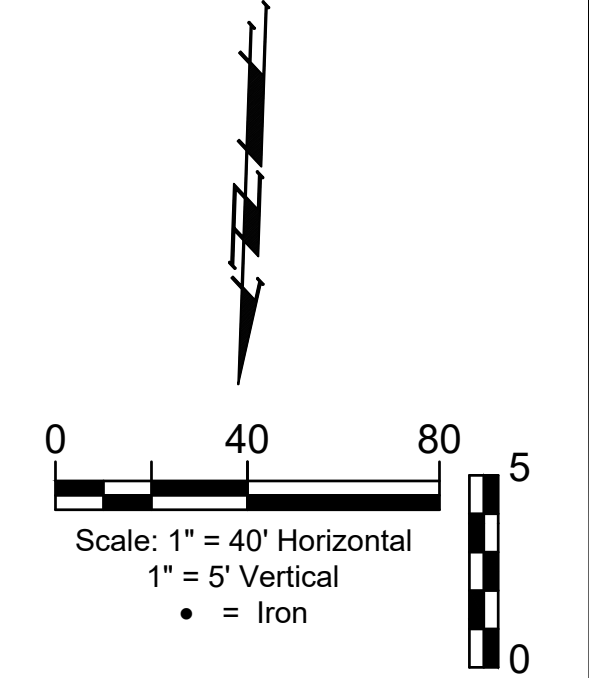
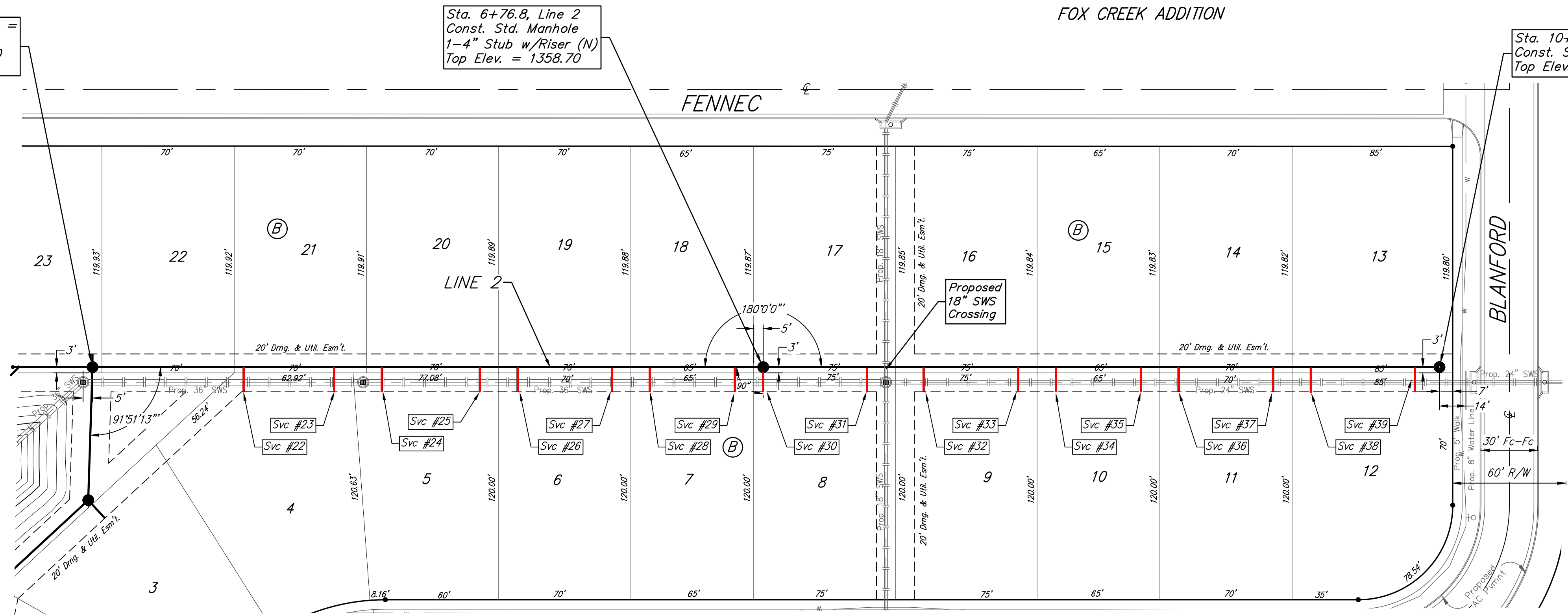
BM#2: RR Spike S Face of PP. 43'
 ENE of N 1/4 Corner @ N Side of
 37th St N
 Elev. = 1359.54 (NAVD88)

Sta. 3+21.8, Line 2 =
 Sta. 0+00, Line 2A
 Top Elev. = 1358.30
 Match Point

Sta. 6+76.8, Line 2
 Const. Std. Manhole
 1-4" Stub w/Riser (N)
 Top Elev. = 1358.70

Sta. 10+34.8, End Line 2
 Const. Shallow Manhole
 Top Elev. = 1359.30

Riser Number	Distance from Main to Riser (Lt./Rt.)	Distance from Upstream MH	Distance from Downstream MH
22	14' Rt.	75'	280'
23	13' Rt.	123'	232'
24	13' Rt.	148'	207'
25	13' Rt.	200'	155'
26	13' Rt.	220'	135'
27	13' Rt.	270'	85'
28	13' Rt.	290'	65'
29	13' Rt.	344'	11'
30	13' Rt.	@ mh	@ mh
31	13' Rt.	50'	308'
32	13' Rt.	80'	278'
33	13' Rt.	130'	228'
34	13' Rt.	150'	208'
35	13' Rt.	195'	163'
36	13' Rt.	215'	143'
37	13' Rt.	265'	93'
38	13' Rt.	285'	73'
39	13' Rt.	340'	18'



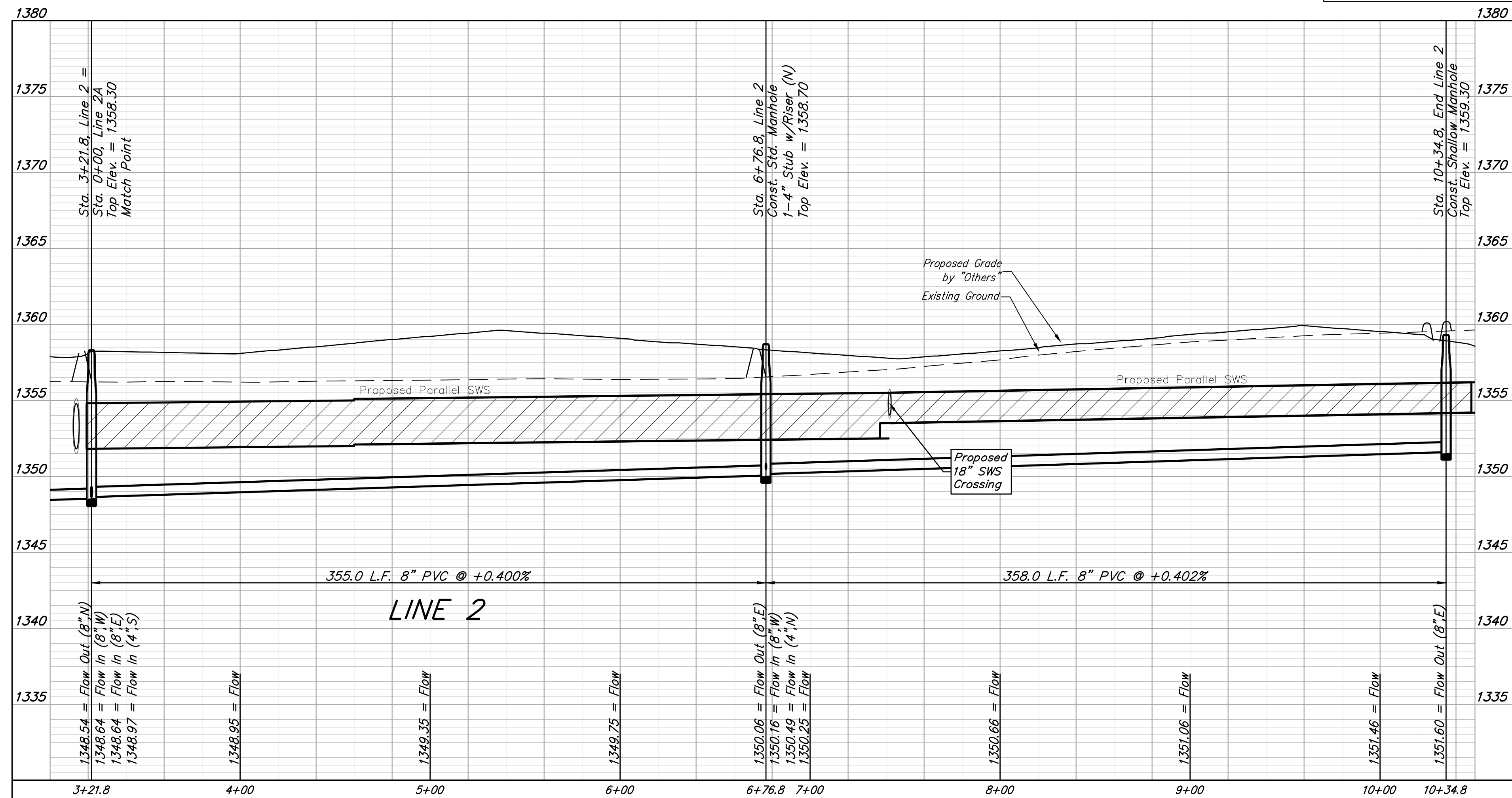
FOX CREEK ADDITION

2-foot minimum vertical separation between water service lines and all sanitary sewer lines shall be maintained at crossings.
 10-foot horizontal separation between water service lines and all sanitary sewer lines and manholes shall be maintained. Distances are to be measured from edge-to-edge, at the closest point.

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL
22	8" X 4" Tee	4	B	2	3+96.8/Rt.	4.2	14.1
23	8" X 4" Tee	4	B	2	4+44.7/Rt.	4.5	13.0
24	8" X 4" Tee	5	B	2	4+70.1/Rt.	4.8	13.0
25	8" X 4" Tee	5	B	2	5+21.8/Rt.	5.0	13.0
26	8" X 4" Tee	6	B	2	5+41.8/Rt.	5.0	13.0
27	8" X 4" Tee	6	B	2	5+91.8/Rt.	4.6	13.0
28	8" X 4" Tee	7	B	2	6+11.8/Rt.	3.9	13.0
29	8" X 4" Tee	7	B	2	6+56.8/Rt.	3.5	13.0
30	4" Stub	8	B	2	6+71.8/Rt.	4.3	13.0
31	8" X 4" Tee	8	B	2	7+26.8/Rt.	2.7	13.0
32	8" X 4" Tee	9	B	2	7+56.8/Rt.	2.6	13.0
33	8" X 4" Tee	9	B	2	8+06.8/Rt.	2.7	13.0
34	8" X 4" Tee	10	B	2	8+26.8/Rt.	3.0	13.0
35	8" X 4" Tee	10	B	2	8+71.8/Rt.	3.0	13.0
36	8" X 4" Tee	11	B	2	8+91.8/Rt.	3.4	13.0
37	8" X 4" Tee	11	B	2	9+41.8/Rt.	3.5	13.0
38	8" X 4" Tee	12	B	2	9+61.8/Rt.	3.8	13.0
39	8" X 4" Tee	12	B	2	10+16.8/Rt.	3.3	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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 316-262-7271
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FOX CREEK ADDITION

LINE 2

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
 468-2022-035881

DESIGN: NBW DRAWN: HJW

DATE: February 13, 2023

SHEET **8** OF **27**

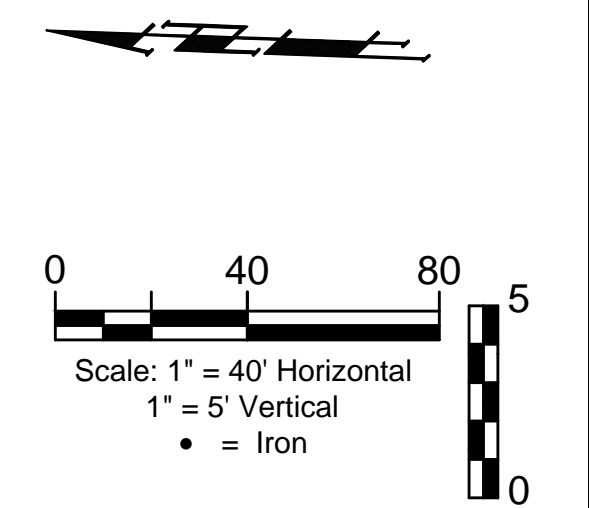
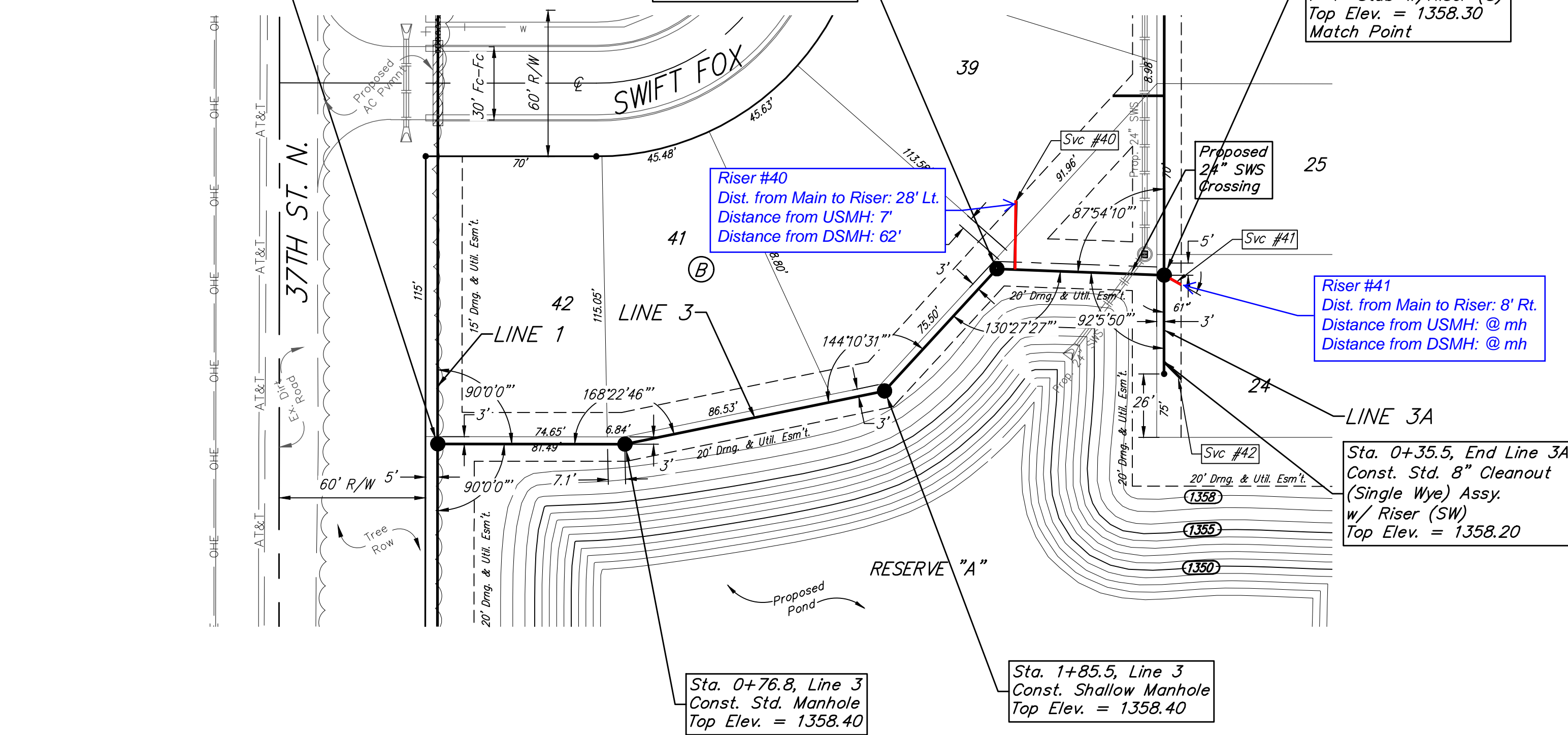
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BENCHMARKS:
 BM#1: RR Spike W Face Light Pole.
 70' NW of NE Sec. Corner @ NW
 Corner of 37th St N & 119th St W
 Elev. = 1361.80 (NAVD88)
 BM#2: RR Spike S Face of PP. 43'
 ENE of N 1/4 Corner @ N Side of
 37th St N
 Elev. = 1359.54 (NAVD88)

Sta. 0+00.0, Begin Line 3 =
 Sta. 17+60.8, Line 1
 Top Elev. = 1357.30

Sta. 2+53.6, Line 3
 Const. Shallow Manhole
 Top Elev. = 1358.40

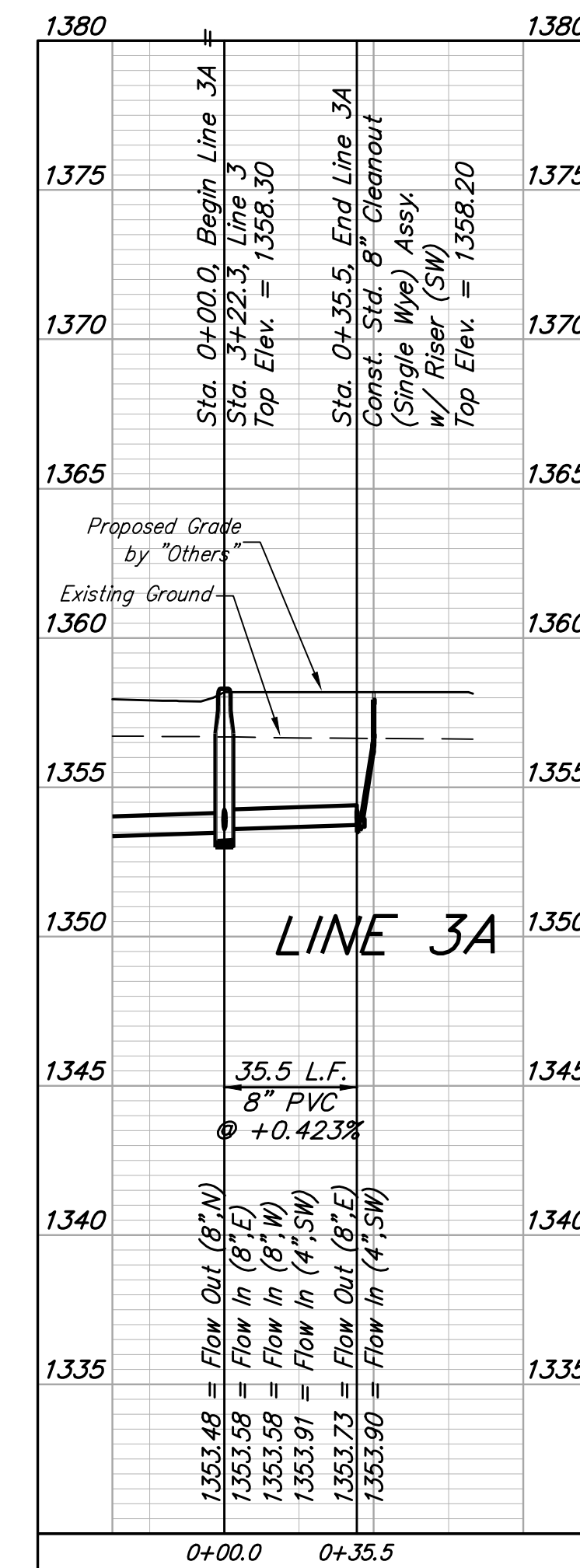
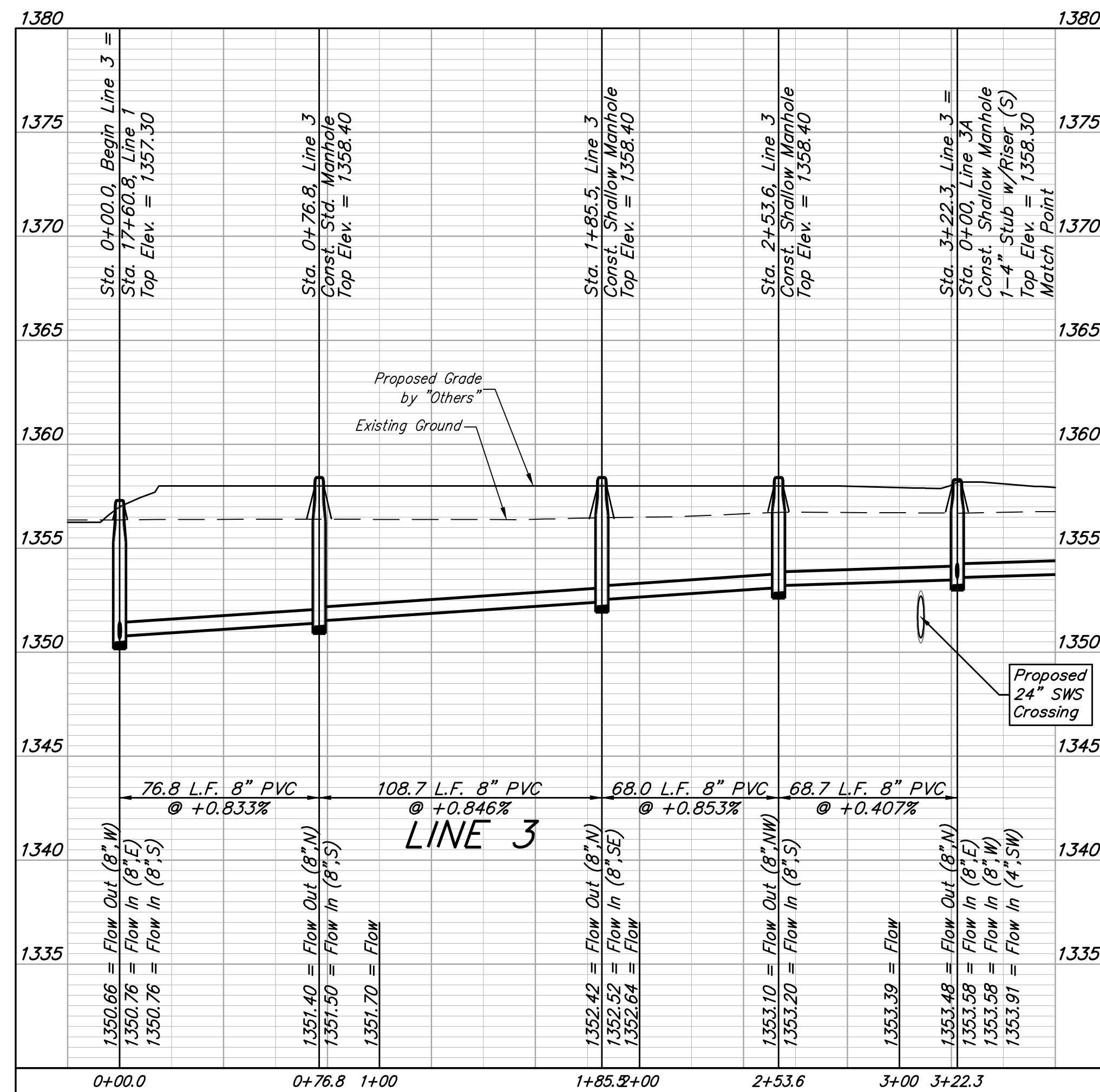
Sta. 3+22.3, Line 3 =
 Sta. 0+00, Line 3A
 Const. Shallow Manhole
 1-4" Stub w/Riser (S)
 Top Elev. = 1358.30
 Match Point



SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
40	8" X 4" Tee	39	B	3	2+60.5/Lt.	-	28.2
41	4" Stub	24	B	3	3+22.3/Rt.	1.0	8.0
42	Wye Ext.	24	B	3A	0+35.5/Lt.	-	10.0

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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FOX CREEK ADDITION

LINES 3 & 3A

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
468-2022-035881

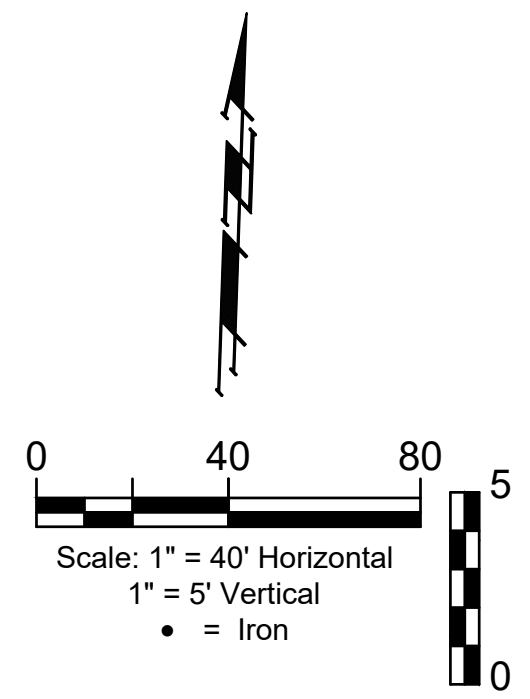
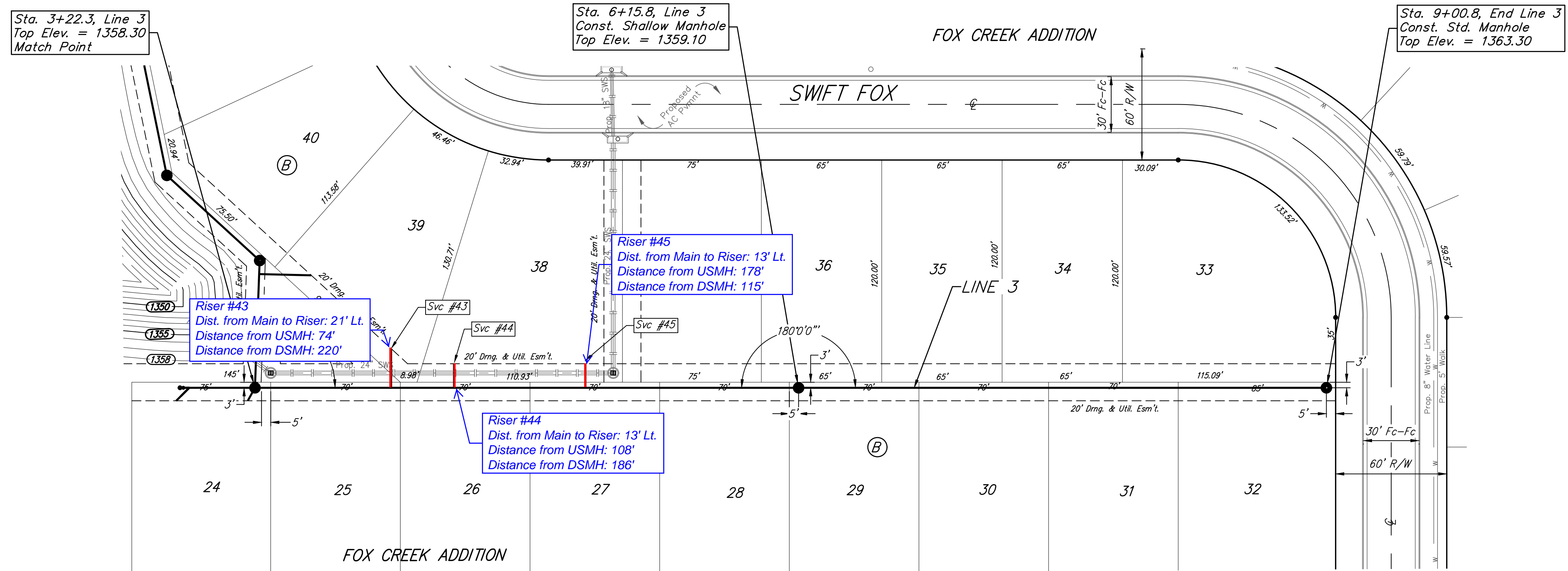
DESIGN: NBW DRAWN: HJW

DATE: February 13, 2023

SHEET 9 OF 27

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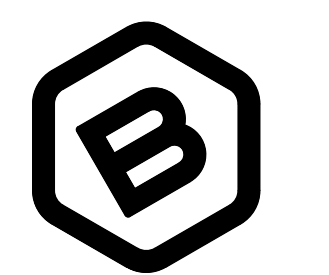
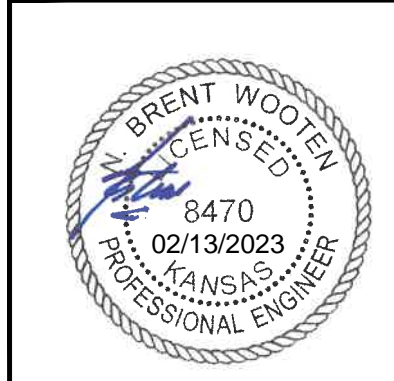
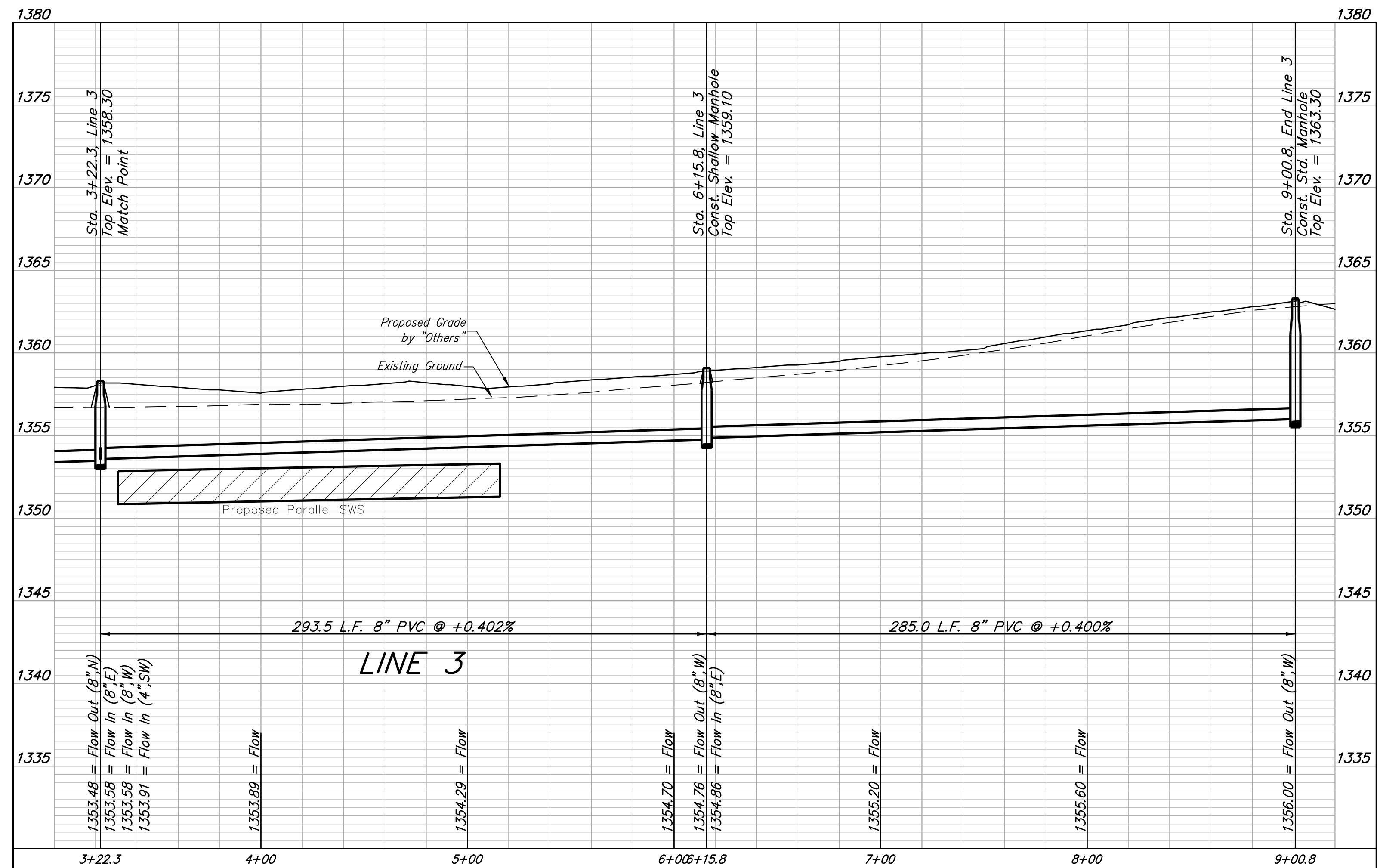
BENCHMARKS:
 BM#1: RR Spike W Face Light Pole.
 70' NW of NE Sec. Corner @ NW
 Corner of 37th St N & 119th St W
 Elev. = 1361.80 (NAVD88)
 BM#2: RR Spike S Face of PP. 43'
 ENE of N 1/4 Corner @ N Side of
 37th St N
 Elev. = 1359.54 (NAVD88)



SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION / DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL
43	8" X 4" Tee	39	B	3	3+95.8/Lt.	-	21.2
44	8" X 4" Tee	38	B	3	4+29.8/Lt.	-	13.0
45	8" X 4" Tee	38	B	3	5+00.7/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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FOX CREEK ADDITION

LINE 3

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
468-2022-035881

DESIGN: NBW DRAWN: HJW
 DATE: February 13, 2023

SHEET OF
10 27

File: E:\Projects\Fox Creek Addition_21-12-F733\Engineering\Phase 1\SS 22-10-E321\SS Plans.dwg

BENCHMARKS:
 BM#1: RR Spike W Face Light Pole.
 70' NW of NE Sec. Corner @ NW
 Corner of 37th St N & 119th St W
 Elev. = 1361.80 (NAVD88)
 BM#2: RR Spike S Face of PP. 43'
 ENE of N 1/4 Corner @ N Side of
 37th St N
 Elev. = 1359.54 (NAVD88)

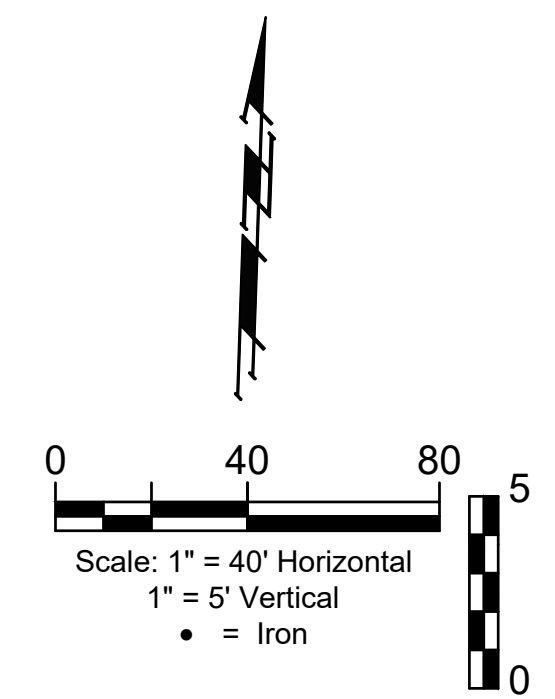
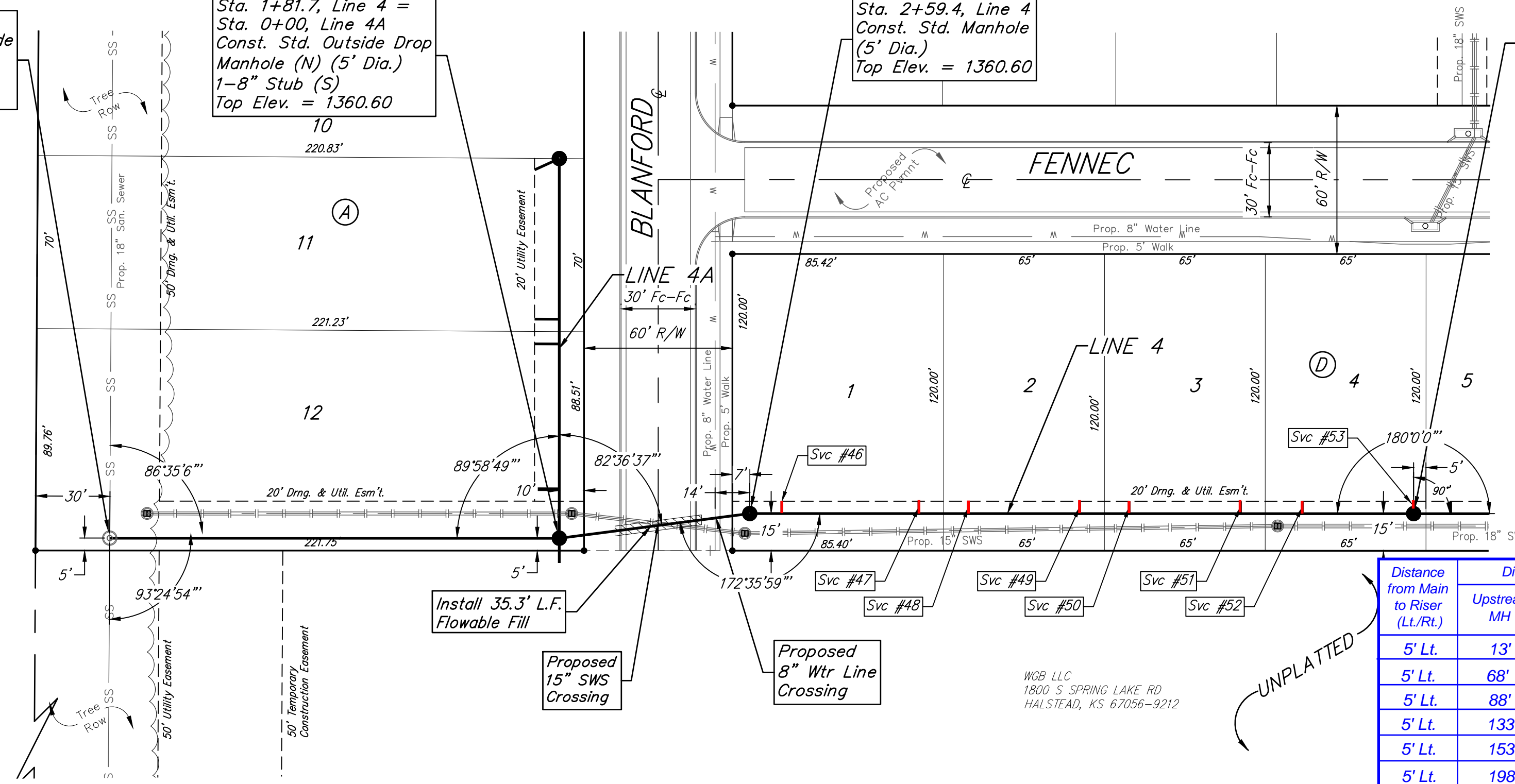
Sta. 0+00.0, Begin Line 4
 Connect to Proposed Outside
 Drop and Extend Pipe East.
 See Note, This Sheet.
 Top Elev. = 1360.60

Sta. 1+81.7, Line 4 =
 Sta. 0+00, Line 4A
 Const. Std. Outside Drop
 Manhole (N) (5' Dia.)
 1-8" Stub (S)
 Top Elev. = 1360.60

Sta. 2+59.4, Line 4
 Const. Std. Manhole
 (5' Dia.)
 Top Elev. = 1360.60

Sta. 5+27.8, Line 4
 Const. Std. Manhole
 1-4" Stub w/Riser (N)
 Top Elev. = 1358.50
 Match Point

FOX CREEK ADDITION



NOTE:
 Proposed Outside Drop to be Installed and Capped with 18" Main Project.
 Contractor to Remove Cap at Top of Riser, Connect Wye at Proposed
 Elevation, Core New Top Opening, Seal and Grout Around New Pipe Using
 Non-Shrink Grout. All Costs to be Incidental to "Connect to Existing"
 Bid Item.

Existing Trees to be Removed by 18"
 Main Project Prior to Construction.

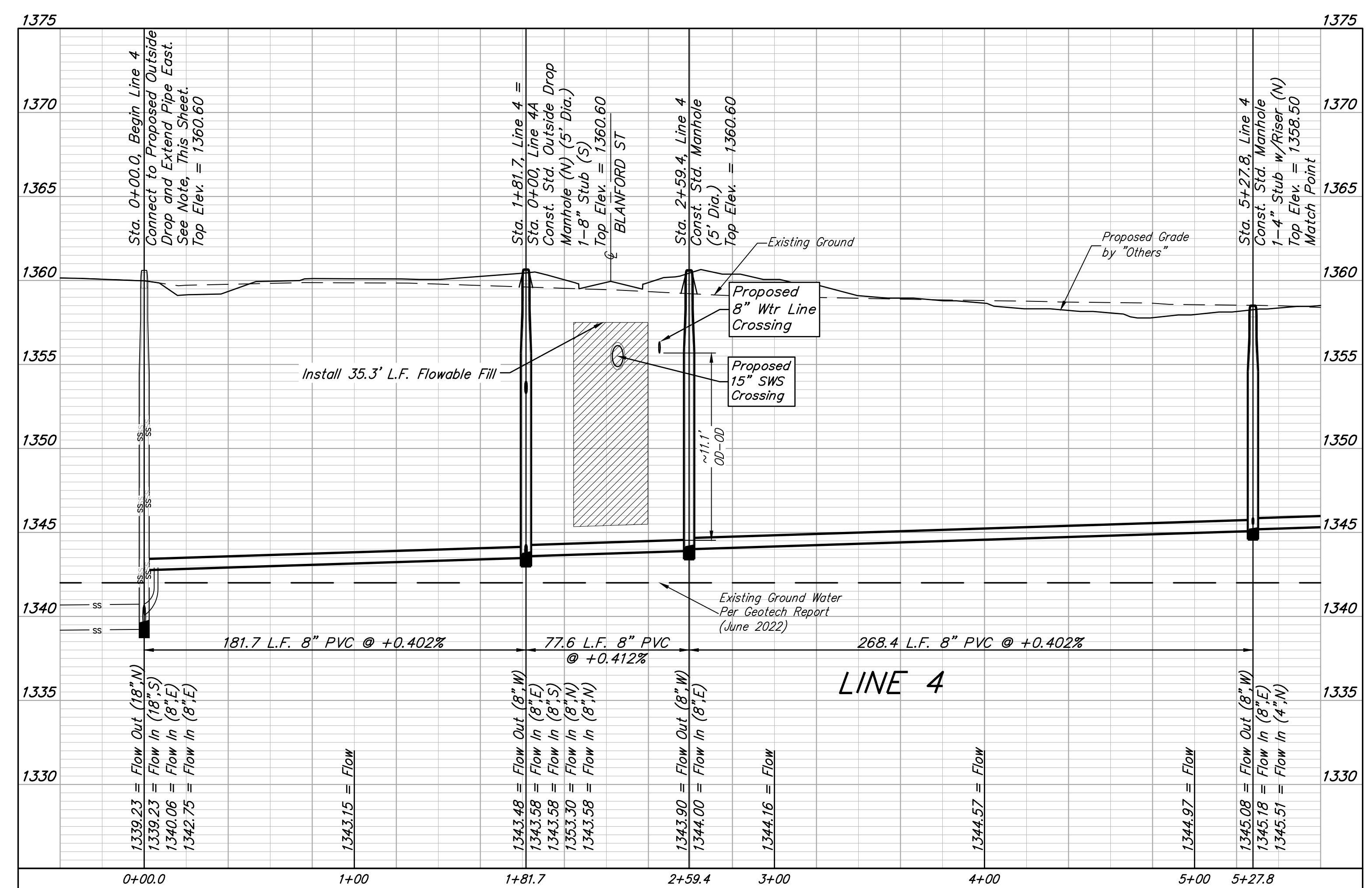
Groundwater Elevation = 1342.0 (June 2022)

2-foot minimum vertical separation between water service lines
 and all sanitary sewer lines shall be maintained at crossings.
 10-foot horizontal separation between water service lines and all
 sanitary sewer lines and manholes shall be maintained. Distances
 are to be measured from edge-to-edge, at the closest point.

SEWER SERVICE TABLE

Distance from Main to Riser (Lt./Rt.)	Distance from		NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
	Upstream MH	Downstream MH			LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL
5' Lt.	13'	255'	46	8" X 4" Tee	1	D	4	2+72.4/Lt.	11.5	5.0
5' Lt.	68'	200'	47	8" X 4" Tee	1	D	4	3+27.8/Lt.	10.8	5.0
5' Lt.	88'	180'	48	8" X 4" Tee	2	D	4	3+47.8/Lt.	10.2	5.0
5' Lt.	133'	135'	49	8" X 4" Tee	2	D	4	3+92.8/Lt.	10.0	5.0
5' Lt.	153'	115'	50	8" X 4" Tee	3	D	4	4+12.8/Lt.	9.5	5.0
5' Lt.	198'	70'	51	8" X 4" Tee	3	D	4	4+57.8/Lt.	9.2	5.0
5' Lt.	223'	45'	52	8" X 4" Tee	4	D	4	4+82.8/Lt.	8.6	5.0
5' Lt.	@ mh	@ mh	53	4" Stub	4	D	4	5+27.8/Lt.	9.7	5.0

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



BAUGHMAN COMPANY
 315 Ellis St.
 Wichita, KS 67211
 316-262-7271
 BaughmanCo.com

FOX CREEK ADDITION

LINE 4

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
468-2022-035881

DESIGN: NBW DRAWN: HJW
 DATE: February 13, 2023

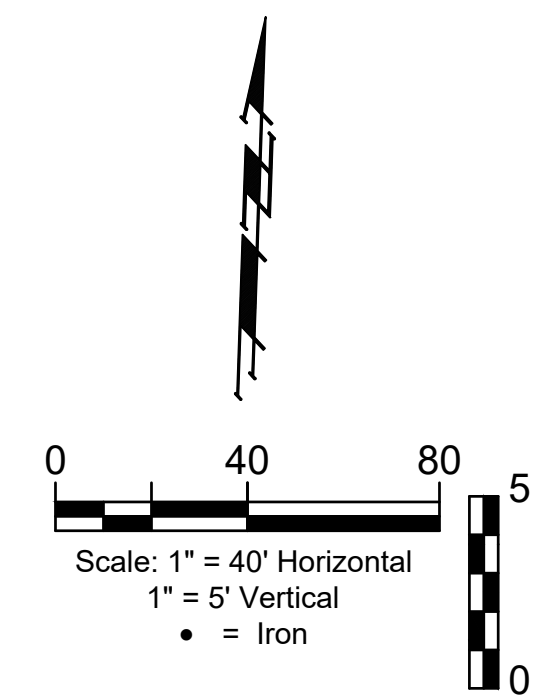
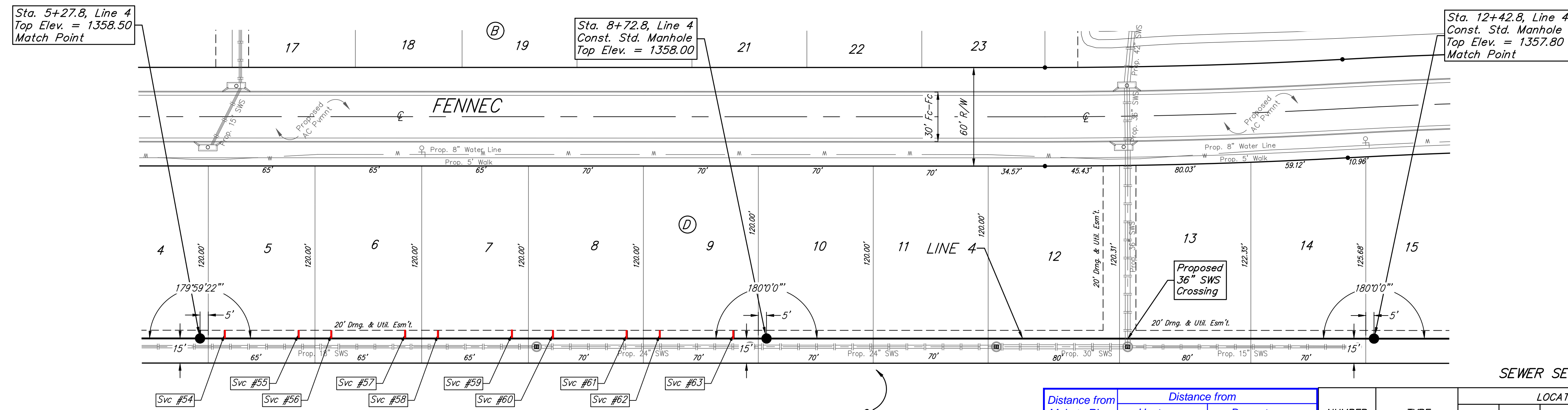
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File: E:\Projects\Fox Creek Addition_21-112-F733\Engineering\Phase 1\SS 22-10-E321\SS Plans.dwg

BENCHMARKS:
 BM#1: RR Spike W Face Light Pole.
 70' NW of NE Sec. Corner @ NW
 Corner of 37th St N & 119th St W
 Elev. = 1361.80 (NAVD88)

BM#2: RR Spike S Face of PP. 43'
 ENE of N 1/4 Corner @ N Side of
 37th St N
 Elev. = 1359.54 (NAVD88)

FOX CREEK ADDITION



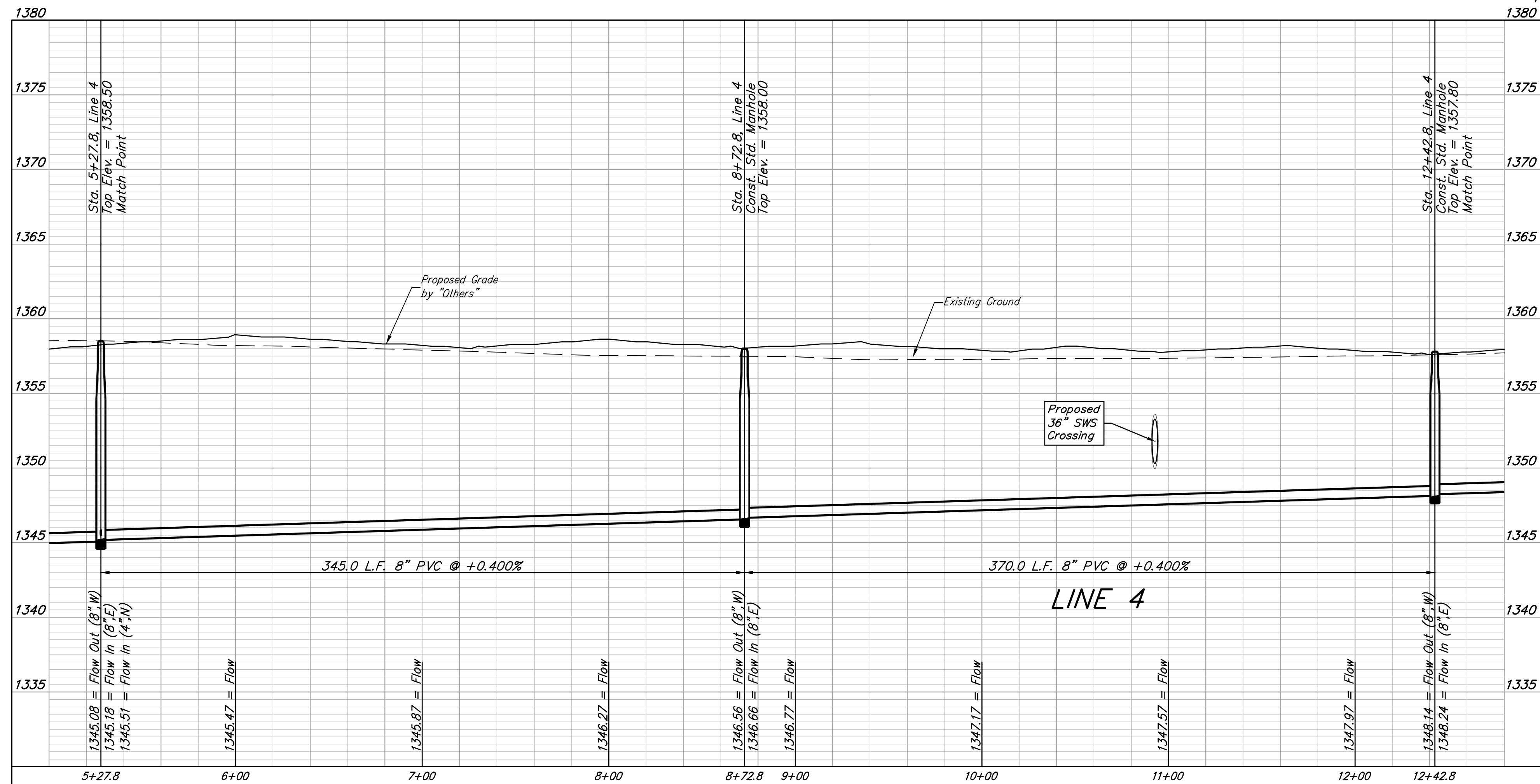
WGB LLC
 1800 S SPRING LAKE RD
 HALSTEAD, KS 67056-9212

UNPLATTED

SEWER SERVICE TABLE

Distance from Main to Riser (Lt./Rt.)	Distance from		NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
	Upstream MH	Downstream MH			LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL
5' Lt.	15'	330'	54	8" X 4" Tee	5	D	4	5+42.8/Lt.	8.7	5.0
5' Lt.	60'	285'	55	8" X 4" Tee	5	D	4	5+87.8/Lt.	8.6	5.0
5' Lt.	80'	265'	56	8" X 4" Tee	6	D	4	6+07.8/Lt.	8.8	5.0
5' Lt.	125'	220'	57	8" X 4" Tee	6	D	4	6+52.8/Lt.	8.5	5.0
5' Lt.	145'	200'	58	8" X 4" Tee	7	D	4	6+72.8/Lt.	8.3	5.0
5' Lt.	190'	155'	59	8" X 4" Tee	7	D	4	7+17.8/Lt.	8.1	5.0
5' Lt.	215'	130'	60	8" X 4" Tee	8	D	4	7+42.8/Lt.	8.3	5.0
5' Lt.	260'	85'	61	8" X 4" Tee	8	D	4	7+87.8/Lt.	8.2	5.0
5' Lt.	280'	65'	62	8" X 4" Tee	9	D	4	8+07.8/Lt.	8.1	5.0
5' Lt.	325'	20'	63	8" X 4" Tee	9	D	4	8+52.8/Lt.	7.8	5.0

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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 Wichita, KS 67211
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 BaughmanCo.com

FOX CREEK ADDITION

LINE 4

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
 468-2022-035881

DESIGN: NBW DRAWN: HJW

DATE: February 13, 2023

SHEET OF
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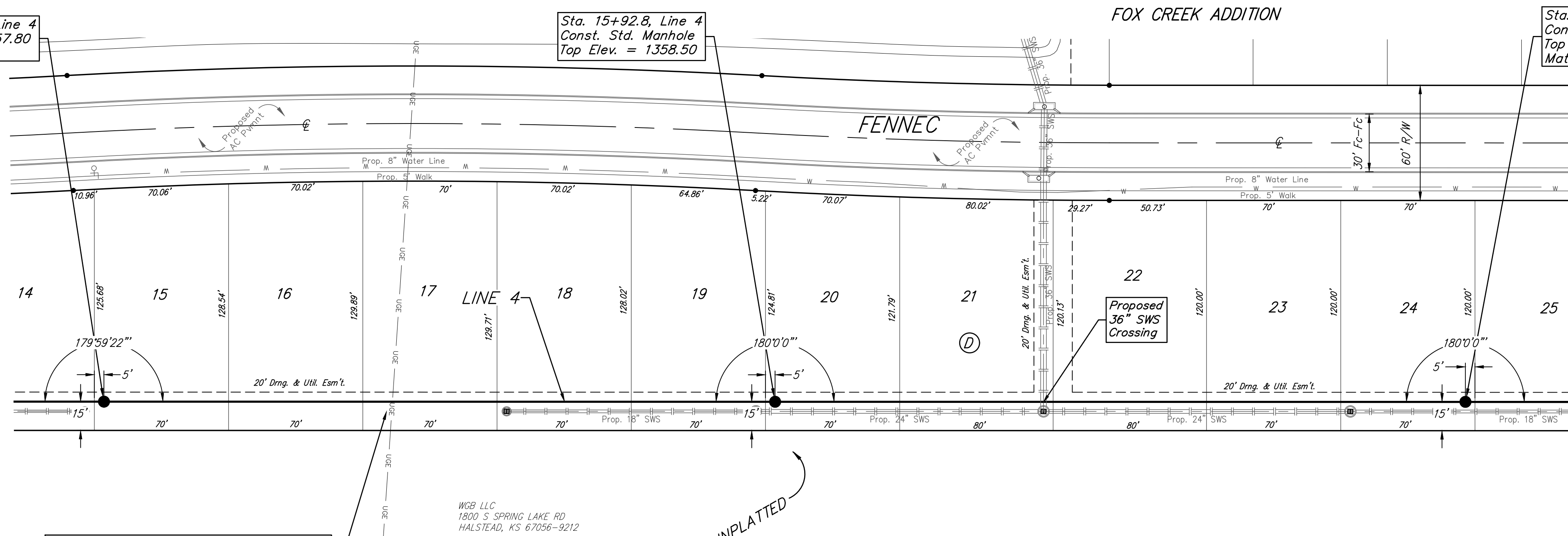
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BENCHMARKS:
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 70' NW of NE Sec. Corner @ NW
 Corner of 37th St N & 119th St W
 Elev. = 1361.80 (NAVD88)
 BM#2: RR Spike S Face of PP. 43'
 ENE of N 1/4 Corner @ N Side of
 37th St N
 Elev. = 1359.54 (NAVD88)

Sta. 12+42.8, Line 4
 Top Elev. = 1357.80
 Match Point

Sta. 15+92.8, Line 4
 Const. Std. Manhole
 Top Elev. = 1358.50

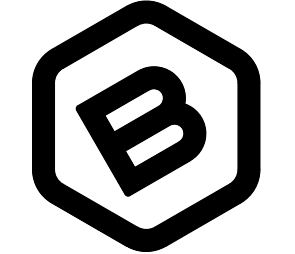
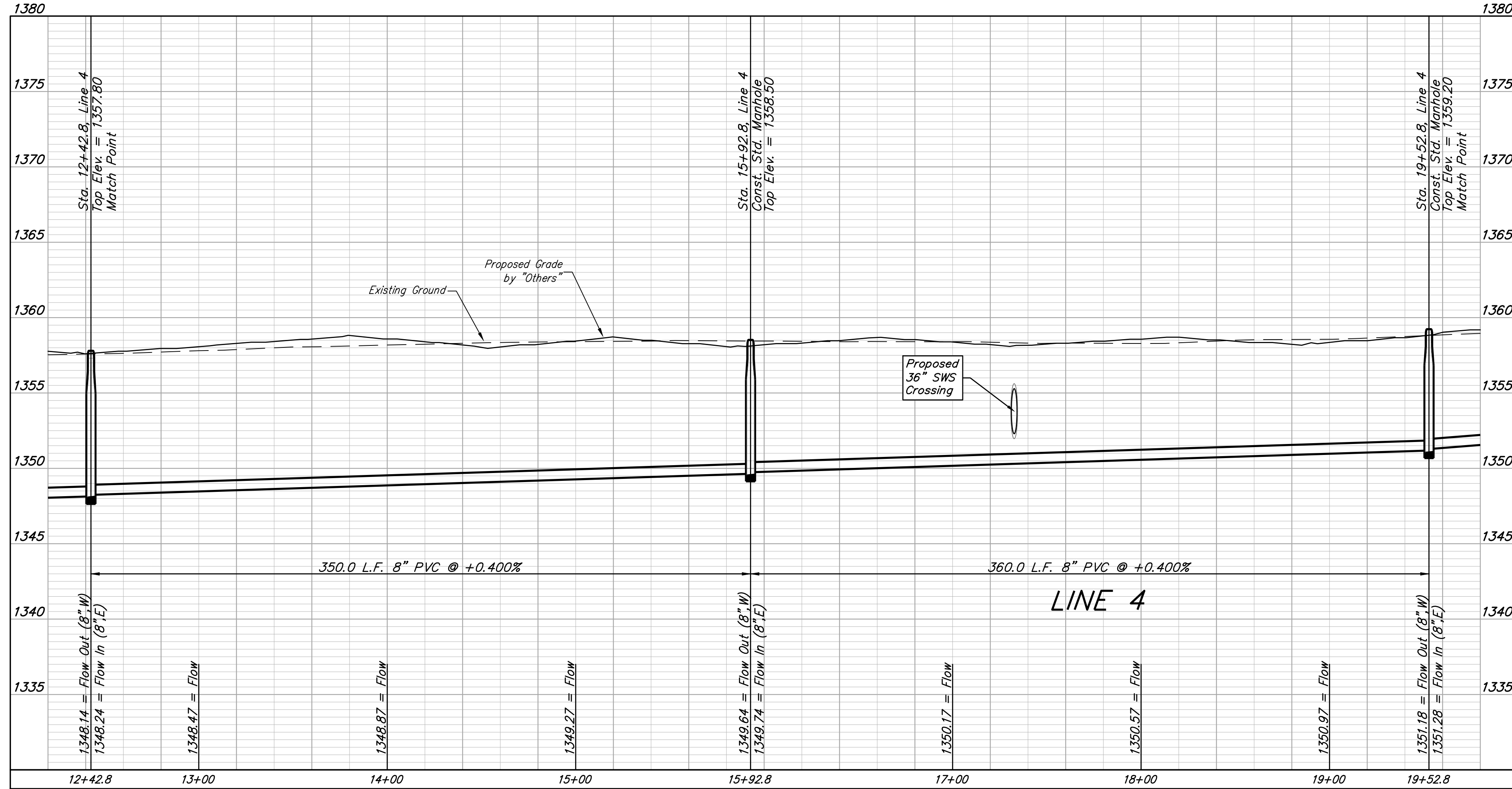
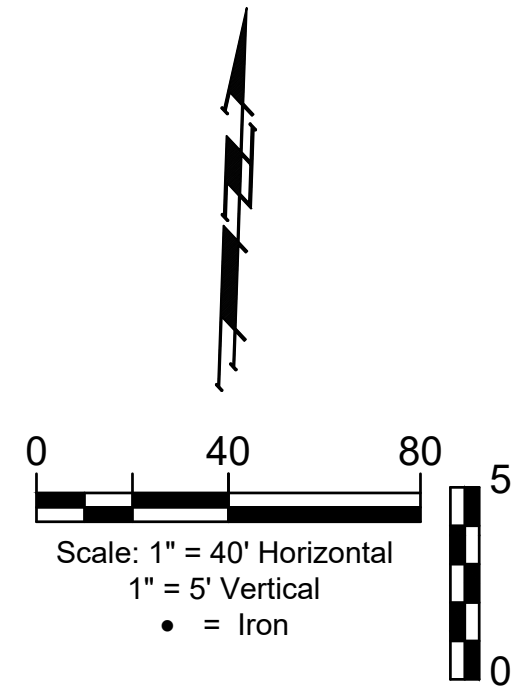
Sta. 19+52.8, Line 4
 Const. Std. Manhole
 Top Elev. = 1359.20
 Match Point



CAUTION!
 Existing Private Electric Line (Not
 Field Located). Disconnect and
 Remove as Necessary. Cost to be
 Incidental to "Site Clearing" Bid Item.

WCB LLC
 1800 S SPRING LAKE RD.
 HALSTEAD, KS 67056-9212

UNPLATTED



**BAUGHMAN
 COMPANY**
 315 Ellis St.
 Wichita, KS 67211
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FOX CREEK
 ADDITION

LINE 4

SANITARY SEWER
 IMPROVEMENTS

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SHEET OF
13 27

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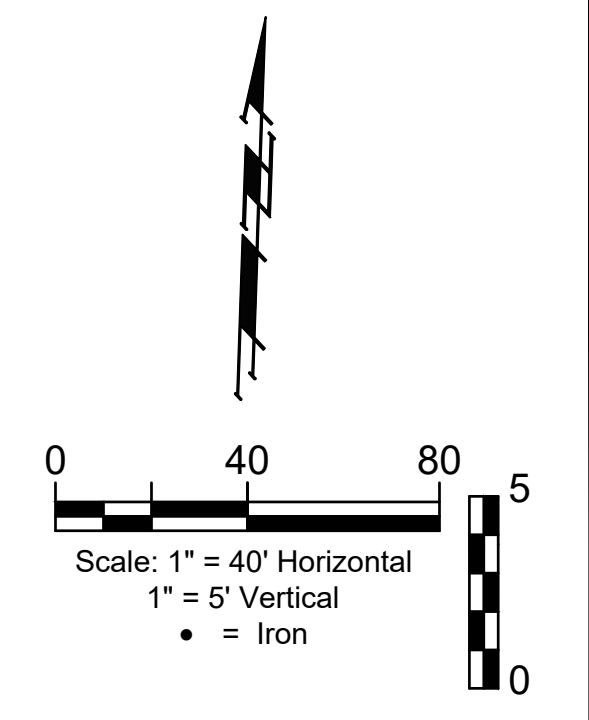
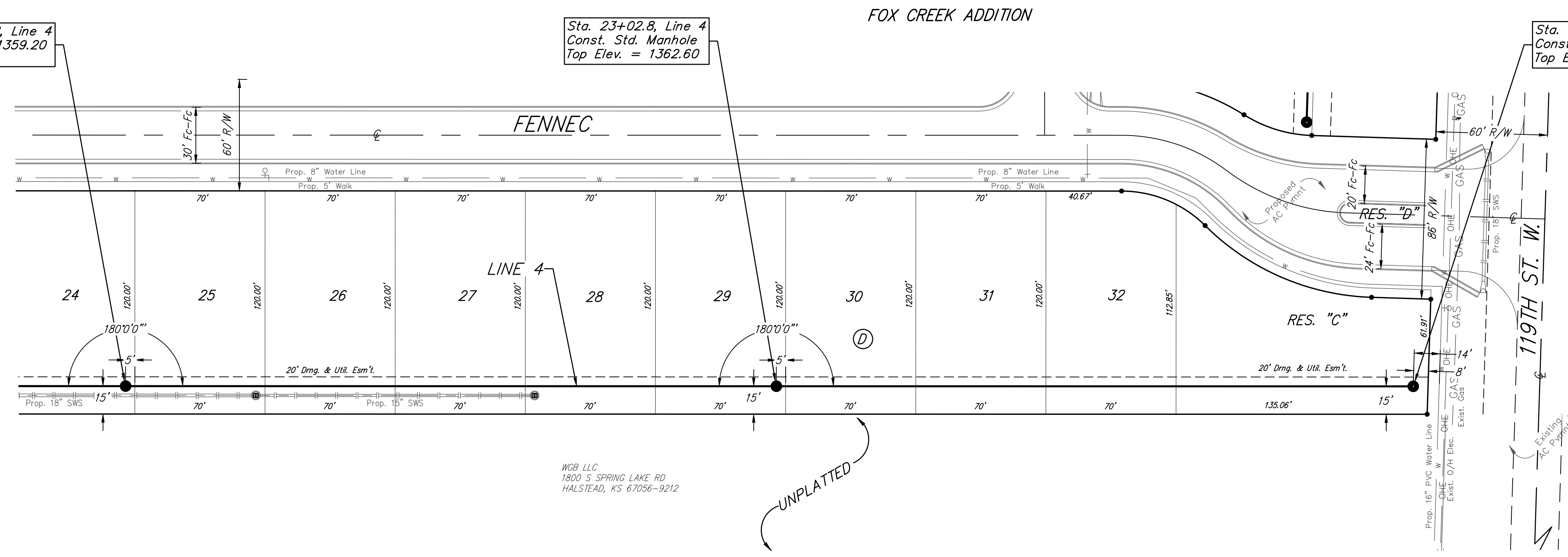
BENCHMARKS:
 BM#1: RR Spike W Face Light Pole.
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 Elev. = 1361.80 (NAVD88)

BM#2: RR Spike S Face of PP. 43'
 ENE of N 1/4 Corner @ N Side of
 37th St N
 Elev. = 1359.54 (NAVD88)

Sta. 19+52.8, Line 4
 Top Elev. = 1359.20
 Match Point

Sta. 23+02.8, Line 4
 Const. Std. Manhole
 Top Elev. = 1362.60

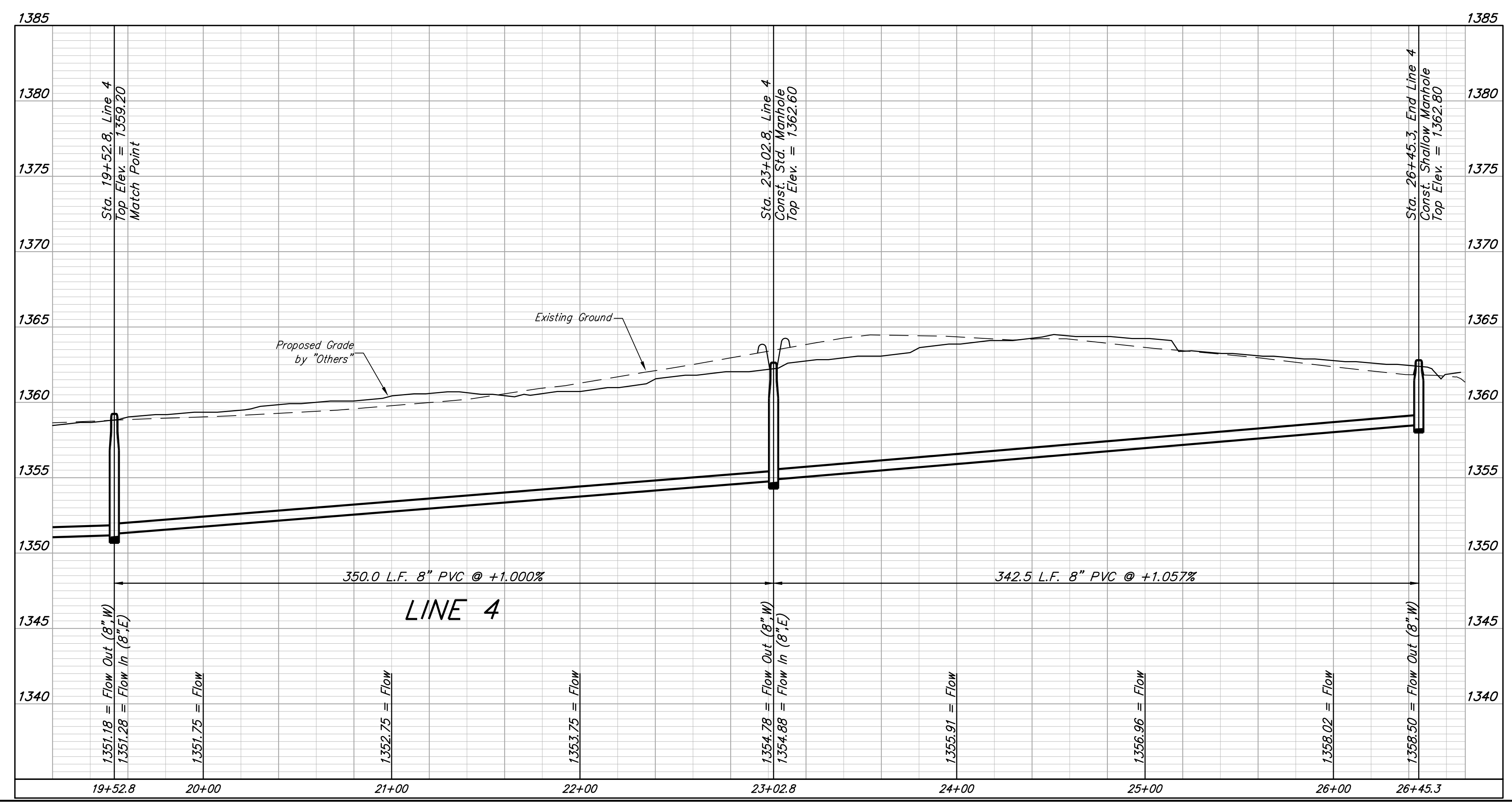
Sta. 26+45.3, End Line 4
 Const. Shallow Manhole
 Top Elev. = 1362.80



WGB LLC
 1800 S SPRING LAKE RD
 HALSTEAD, KS 67056-9212

UNPLATTED

2-foot minimum vertical separation between water service lines and all sanitary sewer lines shall be maintained at crossings.
 10-foot horizontal separation between water service lines and all sanitary sewer lines and manholes shall be maintained. Distances are to be measured from edge-to-edge, at the closest point.





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FOX CREEK ADDITION

LINE 4

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
 468-2022-035881

DESIGN: NBW DRAWN: HJW
 DATE: February 13, 2023

SHEET OF
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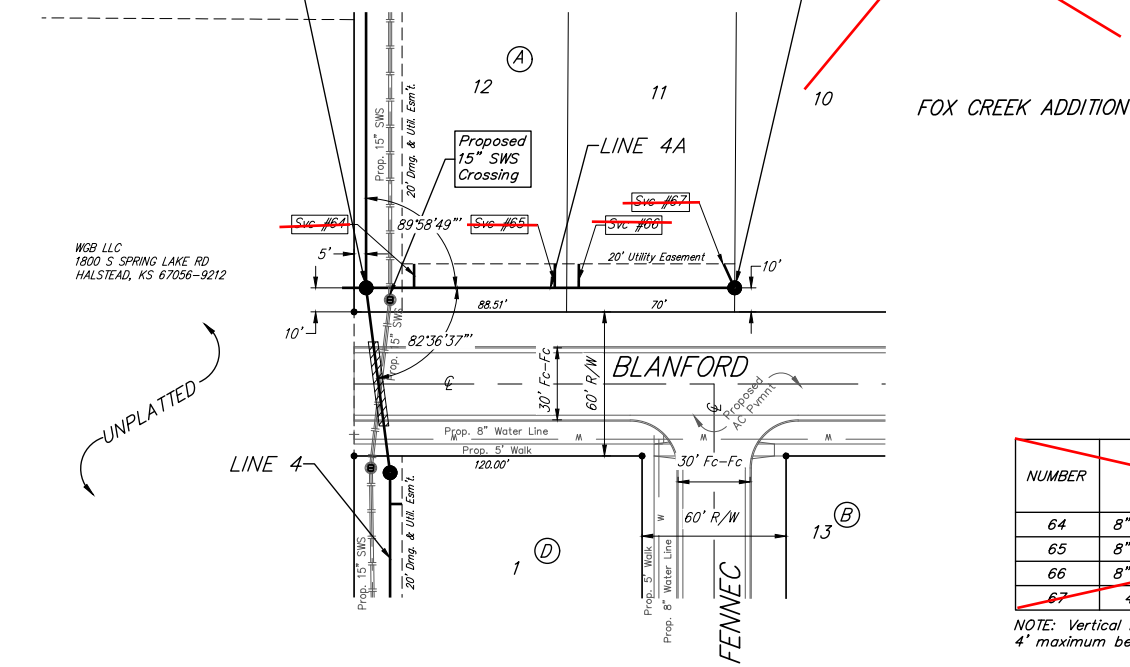
BENCHMARKS:
 BM#1: RR Spike W Face Light Pole.
 70' NW of NE Sec. Corner @ NW
 Corner of 37th St N & 119th St W
 Elev. = 1361.80 (NAVD88)
 BM#2: RR Spike S Face of PP. 43'
 ENE of N 1/4 Corner @ N Side of
 37th St N
 Elev. = 1359.54 (NAVD88)

Line 4A was not installed. The outside drop associated with the manhole at station 0+00 was installed and capped off.

All trench and manhole excavation areas from Sta. 0+00.0 to Sta. 1+53.5, Line 4A shall be backfilled with sand. The sand backfill shall be water-jetted and vibrated during backfilling. All costs shall be paid for as L.F. "Fill, Sand (Flushed & Vibrated)".

Sta. 0+00.0, Begin Line 4A =
 Sta. 1+81.7, Line 4
 Top Elev. = 1360.60

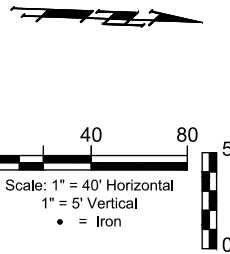
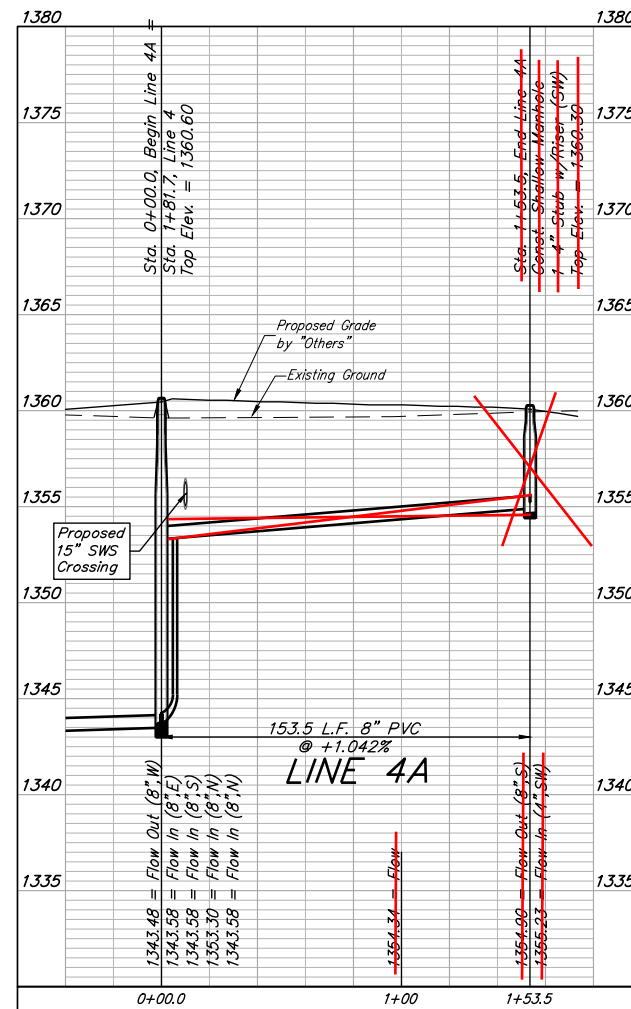
Sta. 1+53.5, End Line 4A
 Const. Shallow Manhole
 1-4" Stub w/ Riser (SW)
 Top Elev. = 1360.30



SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE
64	8" X 4" Tee	12	A	4A	0+20.0/Lt.	VERTICAL 2.1 HORIZONTAL 10.0
65	8" X 4" Tee	12	A	4A	0+78.6/Lt.	VERTICAL 1.5 HORIZONTAL 10.0
66	8" X 4" Tee	11	A	4A	0+88.6/Lt.	VERTICAL 1.4 HORIZONTAL 10.0
67	4" Stub	11	A	4A	1+53.5/Lt.	VERTICAL 1.6 HORIZONTAL 11.0

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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FOX CREEK ADDITION

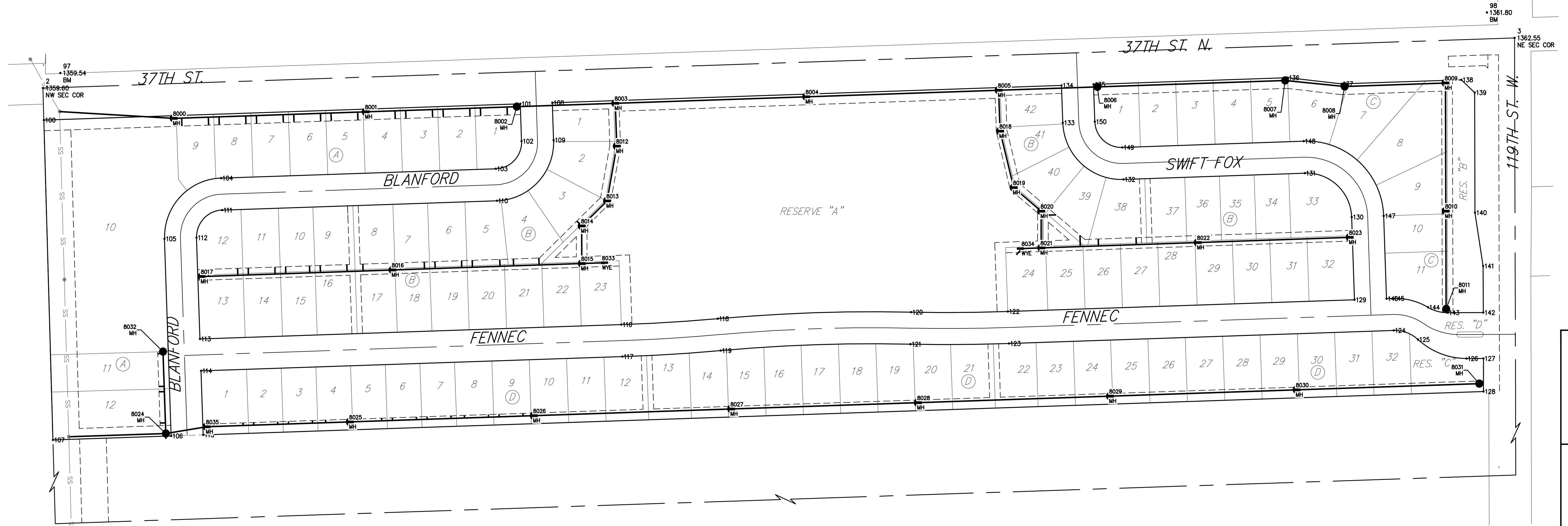
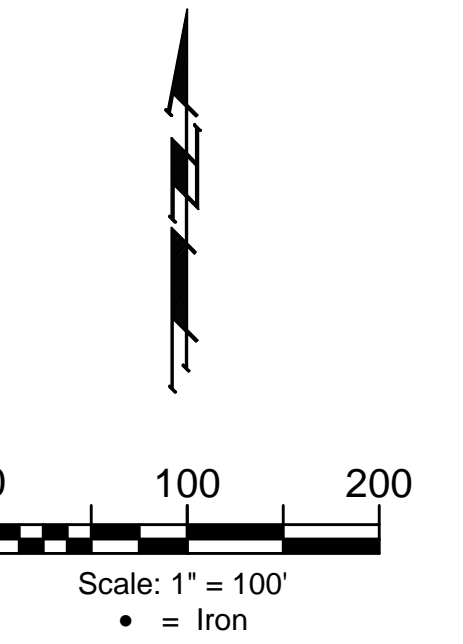
LINE 4A

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15 27

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BENCHMARKS:
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 70' NW of NE Sec. Corner @ NW
 Corner of 37th St N & 119th St W
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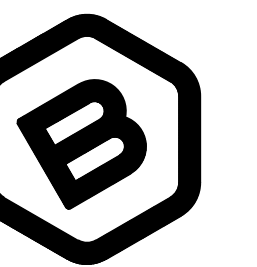
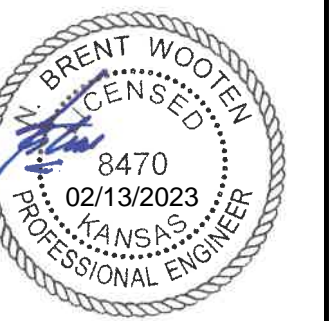
CONTROL			
Point #	Northing	Eastng	Description
1	1,706,199.49	1,604,310.07	SW SEC COR
2	1,708,837.34	1,604,235.56	NW SEC COR
3	1,708,931.33	1,606,992.95	NE SEC COR
4	1,706,289.05	1,607,000.62	SE SEC COR
97	1,708,865.67	1,604,268.04	BM
98	1,708,979.04	1,606,941.22	BM
99	1,707,656.59	1,606,945.37	BM
100	1,708,777.36	1,604,237.26	iron
101	1,708,807.79	1,605,129.99	iron
102	1,708,737.84	1,605,132.38	iron
103	1,708,686.16	1,605,084.11	iron
104	1,708,668.62	1,604,569.41	iron
105	1,708,554.93	1,604,463.22	iron
106	1,708,185.36	1,604,475.82	iron
107	1,708,177.85	1,604,254.19	iron
108	1,708,809.84	1,605,189.96	iron
109	1,708,739.88	1,605,192.34	iron
110	1,708,626.20	1,605,086.16	iron
111	1,708,608.65	1,604,571.45	iron
112	1,708,556.98	1,604,523.19	iron

CONTROL			
Point #	Northing	Eastng	Description
113	1,708,367.29	1,604,528.65	iron
114	1,708,307.32	1,604,531.70	iron
115	1,708,187.39	1,604,535.78	iron
116	1,708,394.06	1,605,319.20	iron
117	1,708,334.09	1,605,321.23	iron
118	1,708,405.19	1,605,500.10	iron
119	1,708,345.43	1,605,505.44	iron
120	1,708,417.47	1,605,862.25	iron
121	1,708,357.48	1,605,860.97	iron
122	1,708,418.67	1,606,043.49	iron
123	1,708,358.65	1,606,045.52	iron
124	1,708,383.09	1,606,786.50	iron
125	1,708,366.08	1,606,812.04	iron
126	1,708,330.55	1,606,902.83	iron
127	1,708,330.64	1,606,934.69	iron
128	1,708,268.73	1,606,934.87	iron
129	1,708,440.64	1,606,693.10	iron
130	1,708,595.74	1,606,687.81	iron
131	1,708,677.80	1,606,599.96	iron
132	1,708,666.21	1,606,260.16	iron

CONTROL			
Point #	Northing	Eastng	Description
133	1,708,772.40	1,606,146.48	iron
134	1,708,842.36	1,606,144.09	iron
135	1,708,844.41	1,606,204.06	iron
136	1,708,856.81	1,606,567.90	iron
137	1,708,845.22	1,606,668.35	iron
138	1,708,852.89	1,606,893.22	iron
139	1,708,828.77	1,606,918.24	iron
140	1,708,603.78	1,606,918.90	iron
141	1,708,503.82	1,606,934.19	iron
142	1,708,416.64	1,606,934.44	iron
143	1,708,416.45	1,606,867.73	iron
144	1,708,426.33	1,606,830.90	iron
145	1,708,443.06	1,606,764.46	iron
146	1,708,442.67	1,606,753.06	iron
147	1,708,597.78	1,606,747.78	iron
148	1,708,737.76	1,606,597.92	iron
149	1,708,726.18	1,606,258.12	iron
150	1,708,774.45	1,606,206.44	iron

SS POINTS			
Point #	Northing	Eastng	Description
8000	1,708,780.65	1,604,480.54	MH
8001	1,708,792.92	1,604,840.33	MH
8002	1,708,802.56	1,605,123.17	MH
8003	1,708,808.86	1,605,308.06	MH
8004	1,708,821.05	1,605,665.75	MH
8005	1,708,833.34	1,606,026.33	MH
8006	1,708,839.65	1,606,211.23	MH
8007	1,708,851.64	1,606,563.07	MH
8008	1,708,840.43	1,606,874.54	MH
8009	1,708,846.87	1,606,863.48	MH
8010	1,708,606.76	1,606,864.18	MH
8011	1,708,423.51	1,606,864.71	MH
8012	1,708,728.55	1,605,310.80	MH
8013	1,708,625.88	1,605,292.57	MH
8014	1,708,578.93	1,605,245.13	MH
8015	1,708,508.55	1,605,245.26	MH
8016	1,708,496.45	1,604,890.46	MH
8017	1,708,484.26	1,604,532.67	MH
8018	1,708,756.60	1,606,028.95	MH
8019	1,708,650.89	1,606,054.47	MH

SS POINTS			
Point #	Northing	Eastng	Description
8020	1,708,606.62	1,606,106.12	MH
8021	1,708,537.89	1,606,105.94	MH
8022	1,708,547.88	1,606,399.27	MH
8023	1,708,557.59	1,606,684.11	MH
8024	1,708,190.02	1,604,465.65	MH
8025	1,708,211.72	1,604,810.52	MH
8026	1,708,223.40	1,605,155.32	MH
8027	1,708,235.94	1,605,525.11	MH
8028	1,708,247.80	1,605,874.90	MH
8029	1,708,260.00	1,606,234.70	MH
8030	1,708,271.86	1,606,584.50	MH
8031	1,708,283.47	1,606,926.83	MH
8032	1,708,343.47	1,604,460.42	MH
8033	1,708,509.88	1,605,284.23	WYE
8034	1,708,536.68	1,606,070.46	WYE
8035	1,708,202.62	1,604,542.27	MH



**BAUGHMAN
 COMPANY**

315 Ellis St.
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FOX CREEK
 ADDITION

COORDINATES

SANITARY SEWER
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