

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 within Reserve "D" disturbed during construction shall be seeded, mulched, and fertilized as follows:

- SEED -- Kansas Premium Fescue Blend; 8#/1000 Sq. Ft.
- Rye grass (PLS); 3#/1000 Sq. Ft. and
- FERTILIZER -- 12-24-12 Ratio at 350 Lbs./Ac.
- MULCH -- 2 Tons Prairie Hay / Acre

All other disturbed areas are to be seeded 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".

An additional bid item for "Seeding, Temporary" has been included and may be used at the discretion of the Design Engineer. Temporary seed shall be Annual Rye at of 5 Lbs./1000 Sq. Ft. unless otherwise noted and shall be planted when permanent seed or sod cannot be used due to seasonal limitations.

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. Sales tax exemption does not apply to this project.

13. All elevations shown are NGVD29.

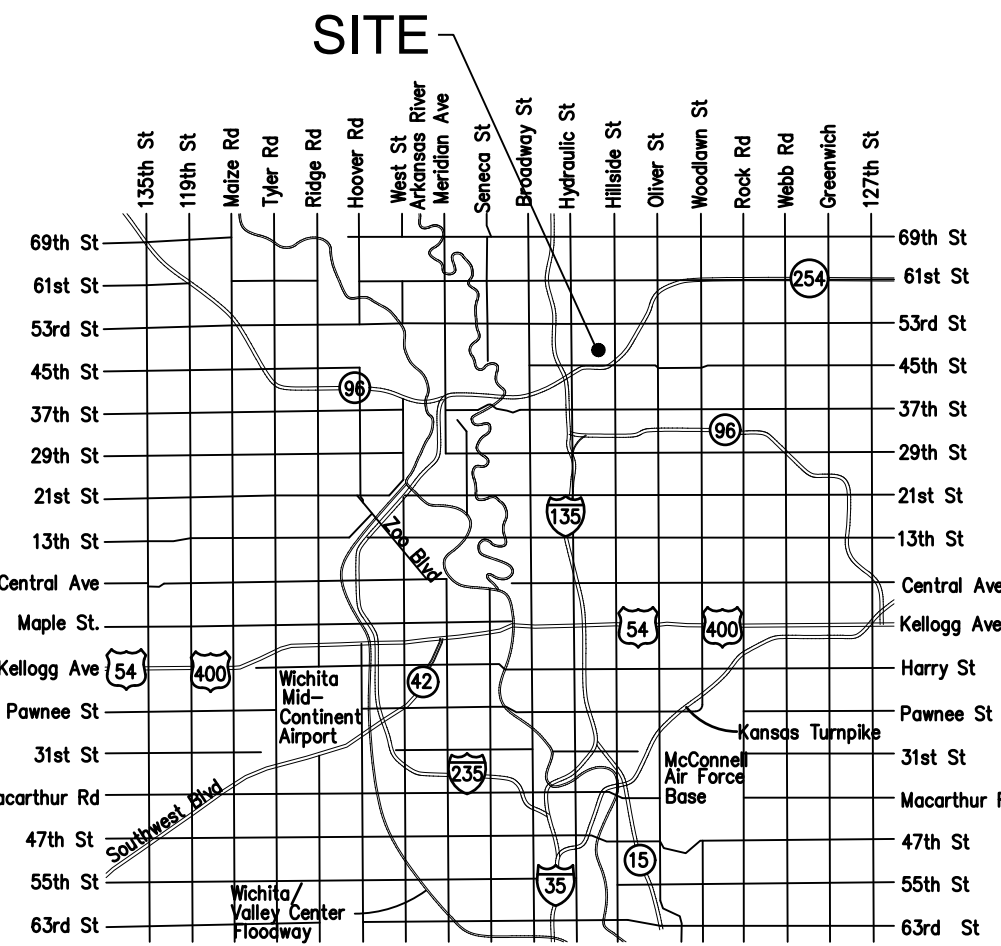
14. The Developer for this project is Jay Russell.
P.O. Box 75337, Wichita, KS 67272
PH# (316) 990-2105 Email j@russellco.com

BENCHMARKS

Cross in top of curb adjacent to the northeast corner of Lot 2, Block C, Falcon Falls 3rd Addition. Elev. = 1347.02 NGVD29

Cross in mailbox pad near the southeast corner of Lot 35, Block A, Falcon Falls 3rd Addition. Elev. = 1350.46 NGVD29

Iron at SW Corner of the SE 1/4, Section 22, Township 26-S, R-1-E. Elev. = 1345.74 NGVD29



VICINITY MAP

SANITARY SEWER IMPROVEMENTS

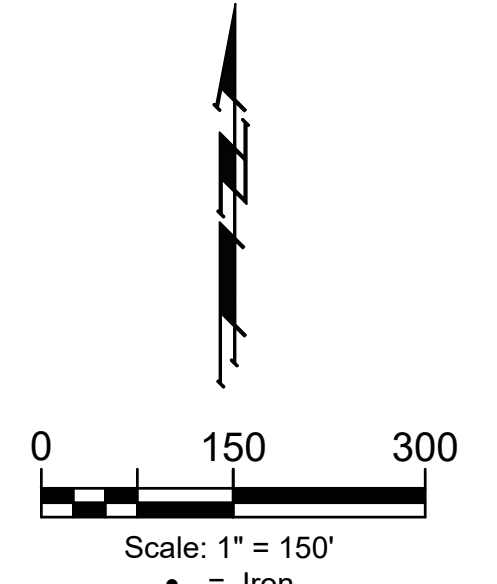
to serve

FALCON FALLS 3RD ADDITION - PHASE 2

CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer
Project Number: 468-2021-036824
Org Code Number: 47256121
Munis Number: E1128

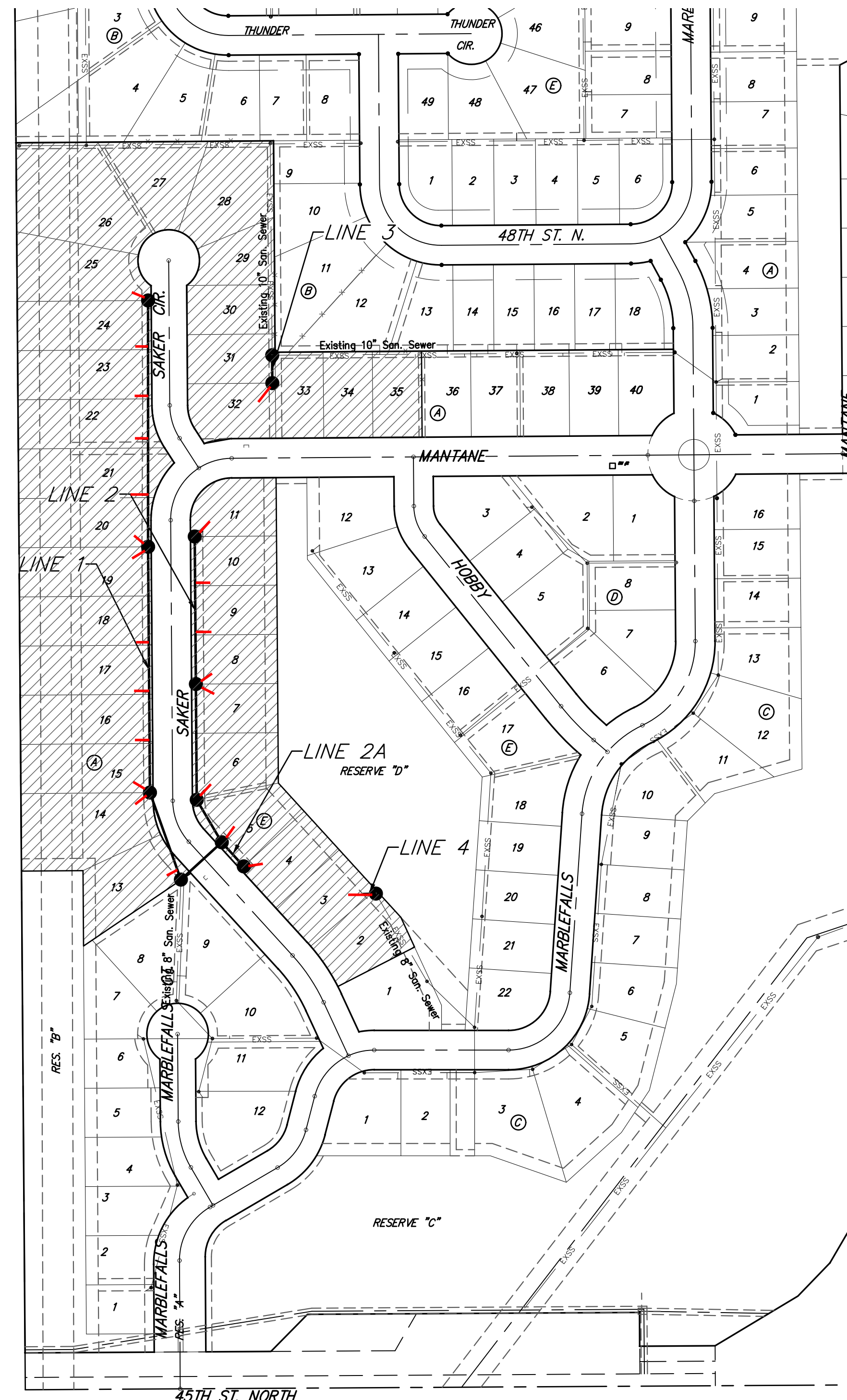
Mies Construction - Contractor
D. Gierhart - City of Wichita, Field Project Engineer
F. Smith - Baughman, Inspector
As-built
Stubs & Risers
Release Date (for connection purposes only): 10/11/2022
Completion Date:
pdf: apr 10/12/2022



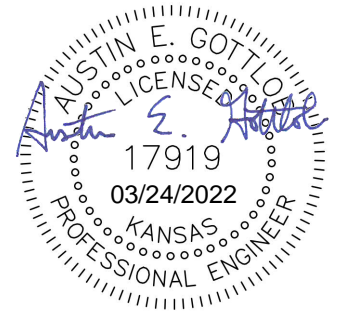
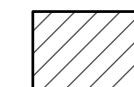
SHEET INDEX

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APPROVED AS NOTED
BY WICHITA PUBLIC WORKS ENGINEERING
Engineering *[Signature]* 4/6/22
An approved copy of these plans signed by City staff are required on-site.



BENEFIT DISTRICT



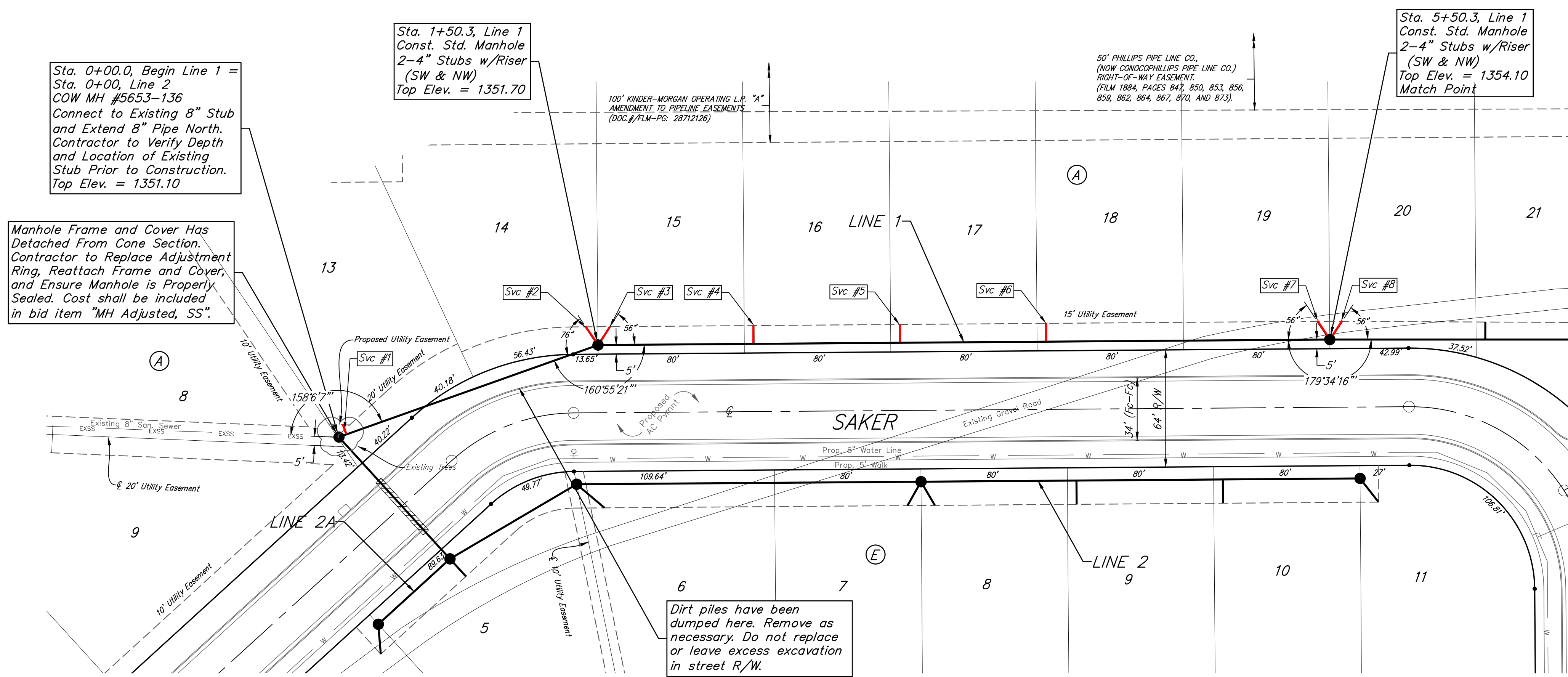
March 24, 2022

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

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BENCHMARKS:
 Cross in top of curb adjacent to the northeast corner of Lot 2, Block C, Falcon Falls 3rd Addition. Elev. = 1347.02 NGVD29
 Cross in mailbox pad near the southeast corner of Lot 35, Block A, Falcon Falls 3rd Addition. Elev. = 1350.46 NGVD29
 Iron at SW Corner of the SE 1/4, Section 22, Township 26-S, R-1-E. Elev. = 1345.74 NGVD29

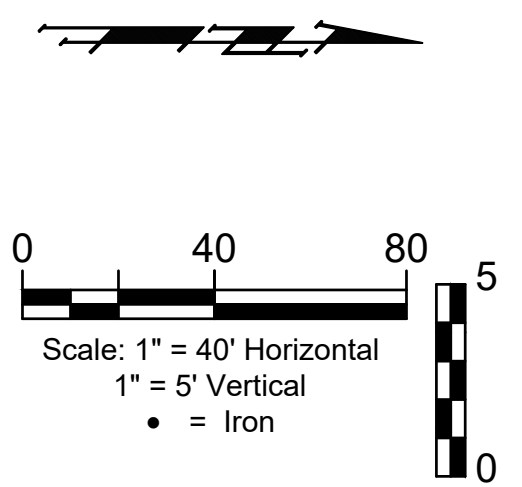
FALCON FALLS 3RD ADDITION



All trench and manhole excavation areas from Sta. 0+00.0 to Sta. 9+51.0, Line 1 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)".

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".

FALCON FALLS 3RD ADDITION

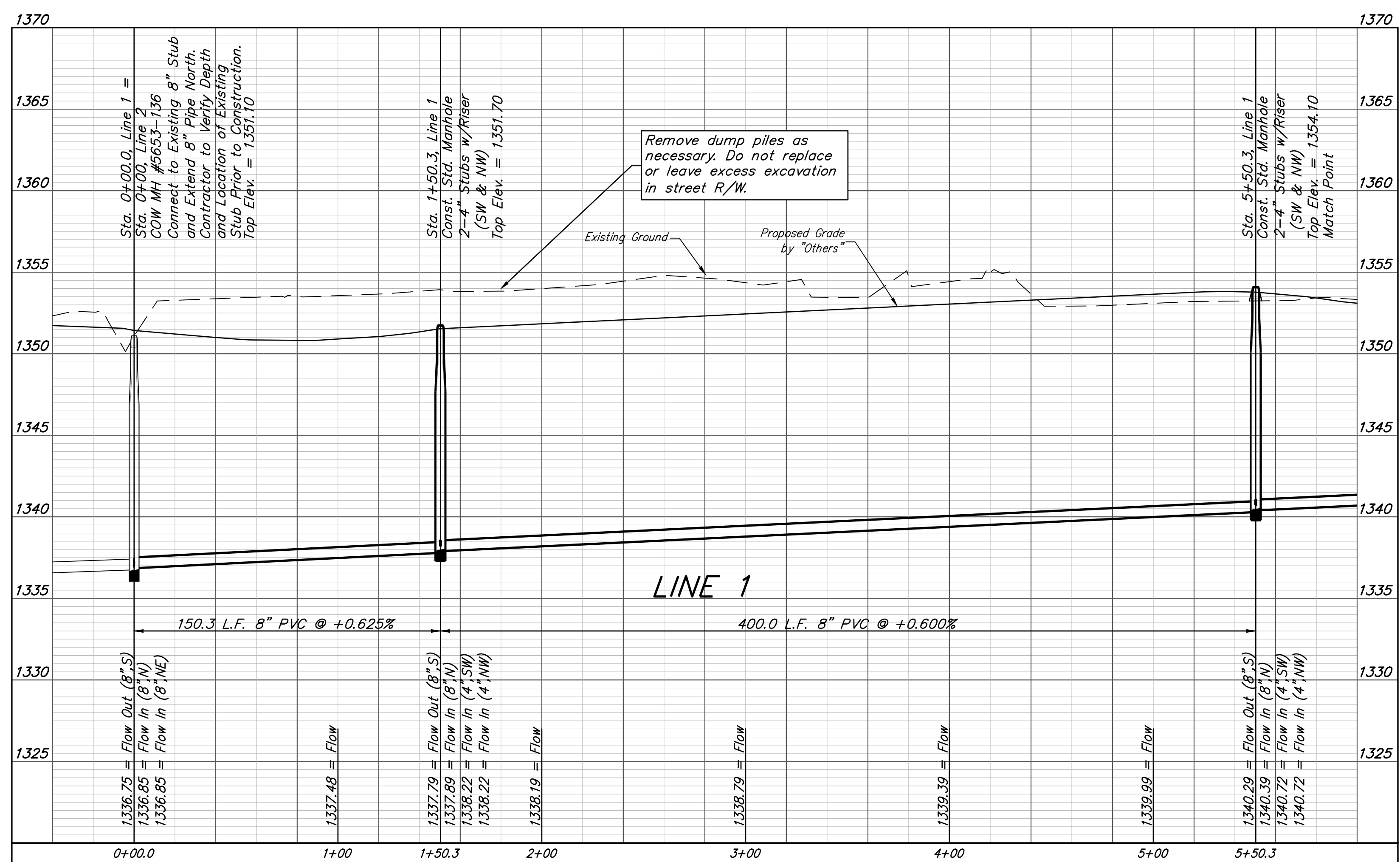


SEWER SERVICE TABLE

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	13	A	1	0+5.0/Lt.	9.6	5.5
2	4" Stub	14	A	1	1+50.3/Lt.	9.4	12.0
3	4" Stub	15	A	1	1+50.3/Lt.	9.5	12.0
4	8" X 4" Tee	16	A	1	2+36.0/Lt.	8.9	10.0
5	8" X 4" Tee	17	A	1	3+16.0/Lt.	8.8	10.0
6	8" X 4" Tee	18	A	1	3+96.0/Lt.	8.8	10.0
7	4" Stub	19	A	1	5+50.3/Lt.	9.2	12.0
8	4" Stub	20	A	1	5+50.3/Lt.	9.2	12.0

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

NUMBER	DISTANCE FROM MAIN TO RISER (LT./RT.)	DISTANCE FROM	
		UPSTREAM MH	DOWNSTREAM MH
1	6' Lt.	145'	5'
2	12' Lt.	@ mh	@ mh
3	12' Lt.	@ mh	@ mh
4	10' Lt.	314'	86'
5	10' Lt.	234'	166'
6	10' Lt.	154'	246'
7	12' Lt.	@ mh	@ mh
8	12' Lt.	@ mh	@ mh



Professional Engineer Seal: Austin E. Gottfried, License No. 17919, dated 03/24/2022, Kansas Professional Engineer.

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

FALCON FALLS 3RD ADDITION - PH. 2

LINE 1

SANITARY SEWER IMPROVEMENTS
 PROJECT NUMBER: 468-2021-036824
 DESIGN: AEG DRAWN: HJW
 DATE: March 24, 2022

SHEET 2 OF 17

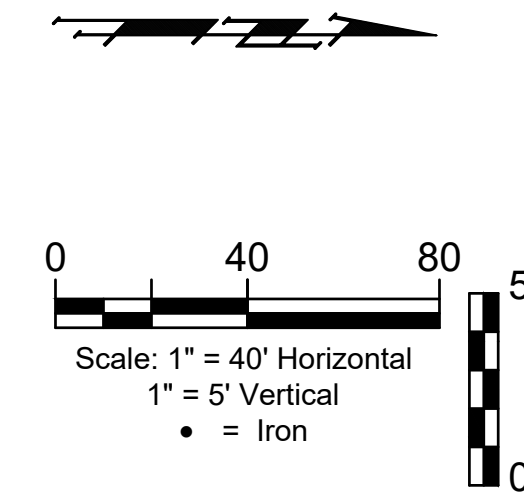
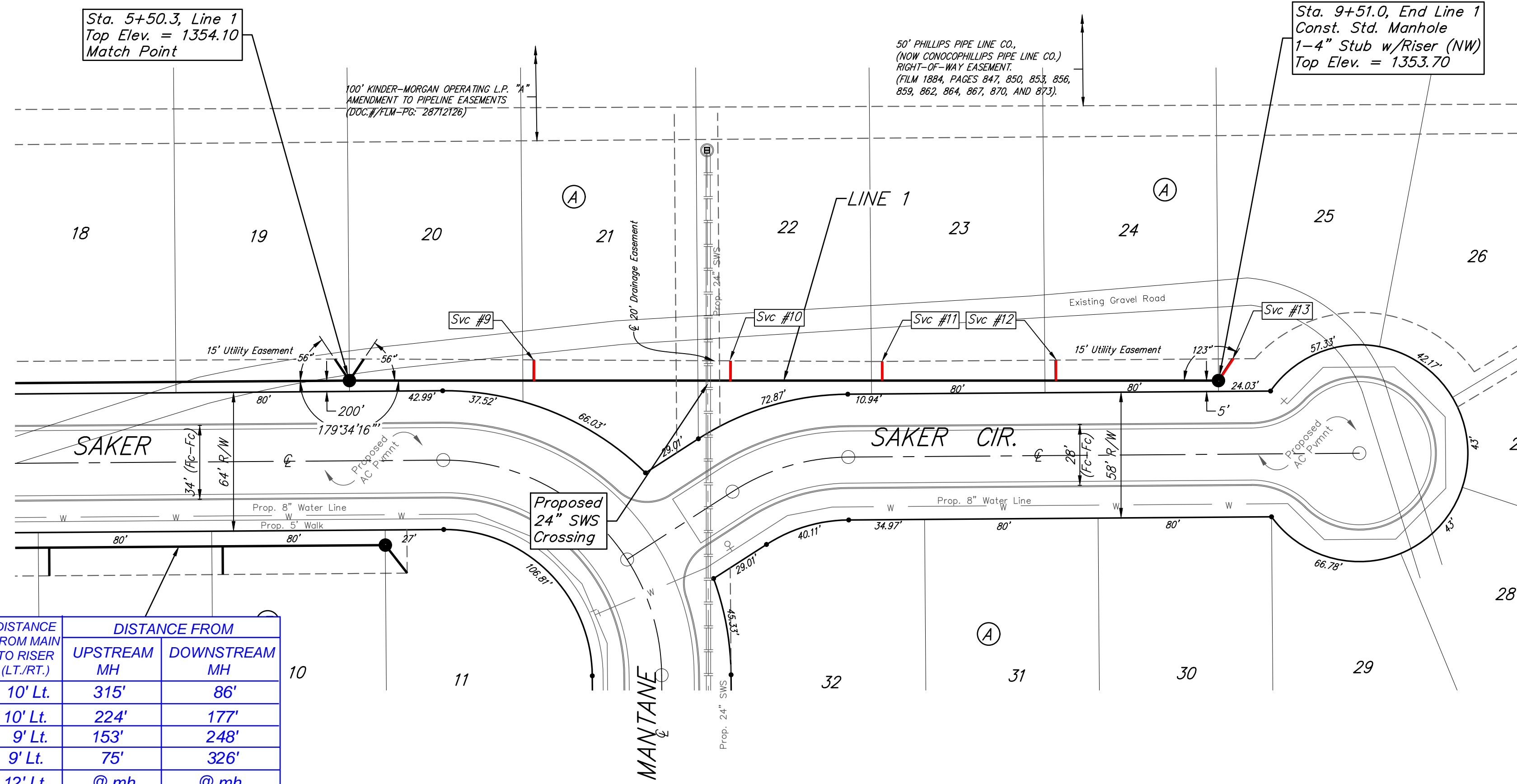
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BENCHMARKS:
 Cross in top of curb adjacent to the northeast corner of Lot 2, Block C, Falcon Falls 3rd Addition. Elev. = 1347.02 NGVD29

Cross in mailbox pad near the southeast corner of Lot 35, Block A, Falcon Falls 3rd Addition. Elev. = 1350.46 NGVD29

Iron at SW Corner of the SE 1/4, Section 22, Township 26-S, R-1-E. Elev. = 1345.74 NGVD29

FALCON FALLS 3RD ADDITION



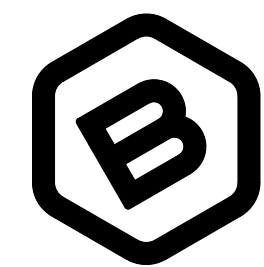
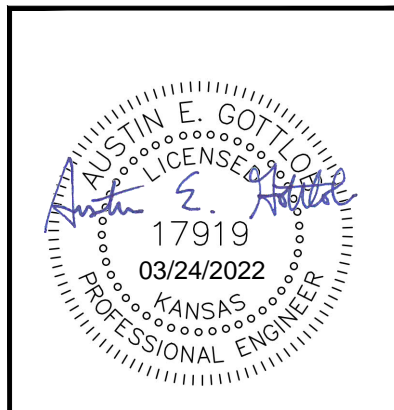
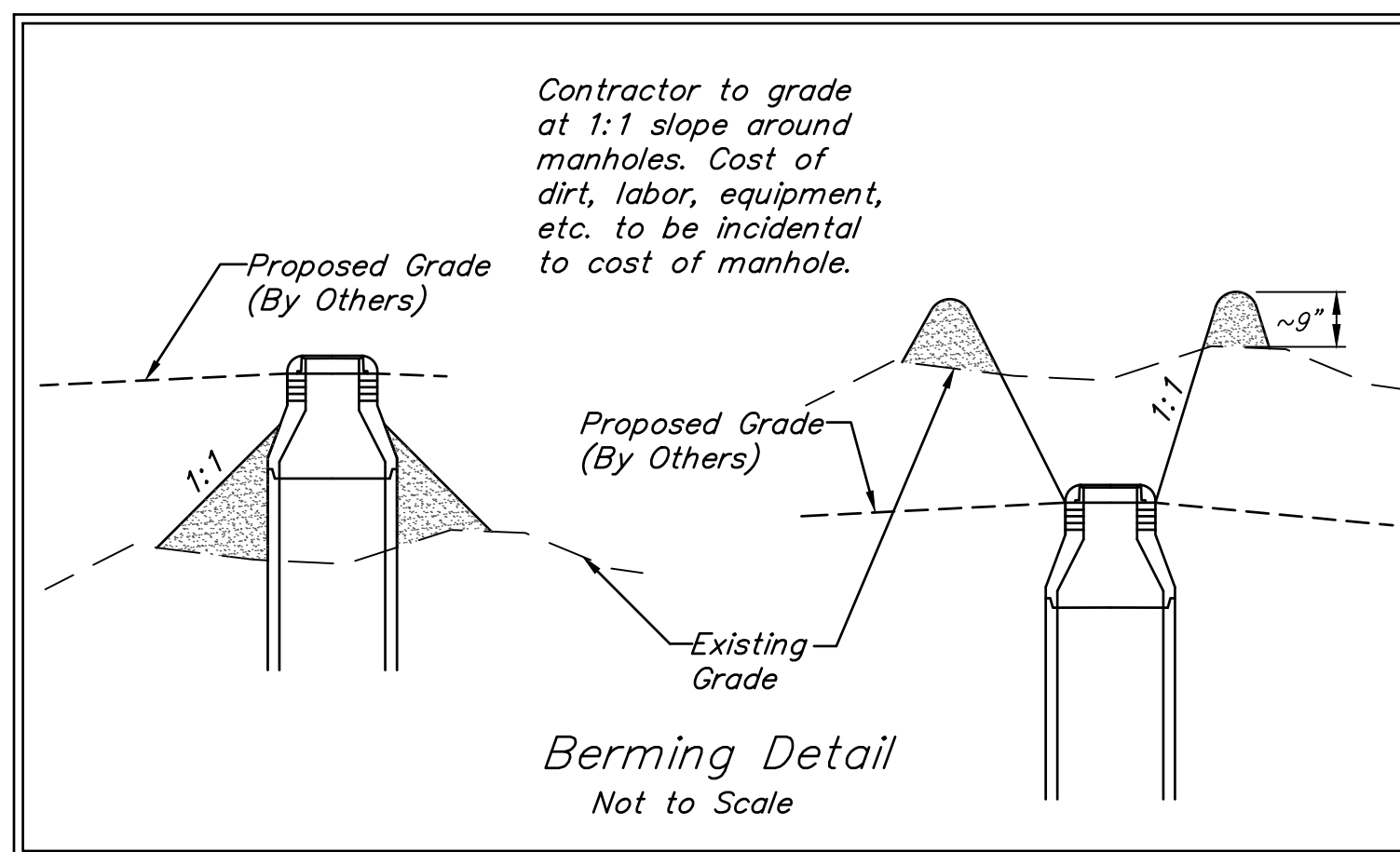
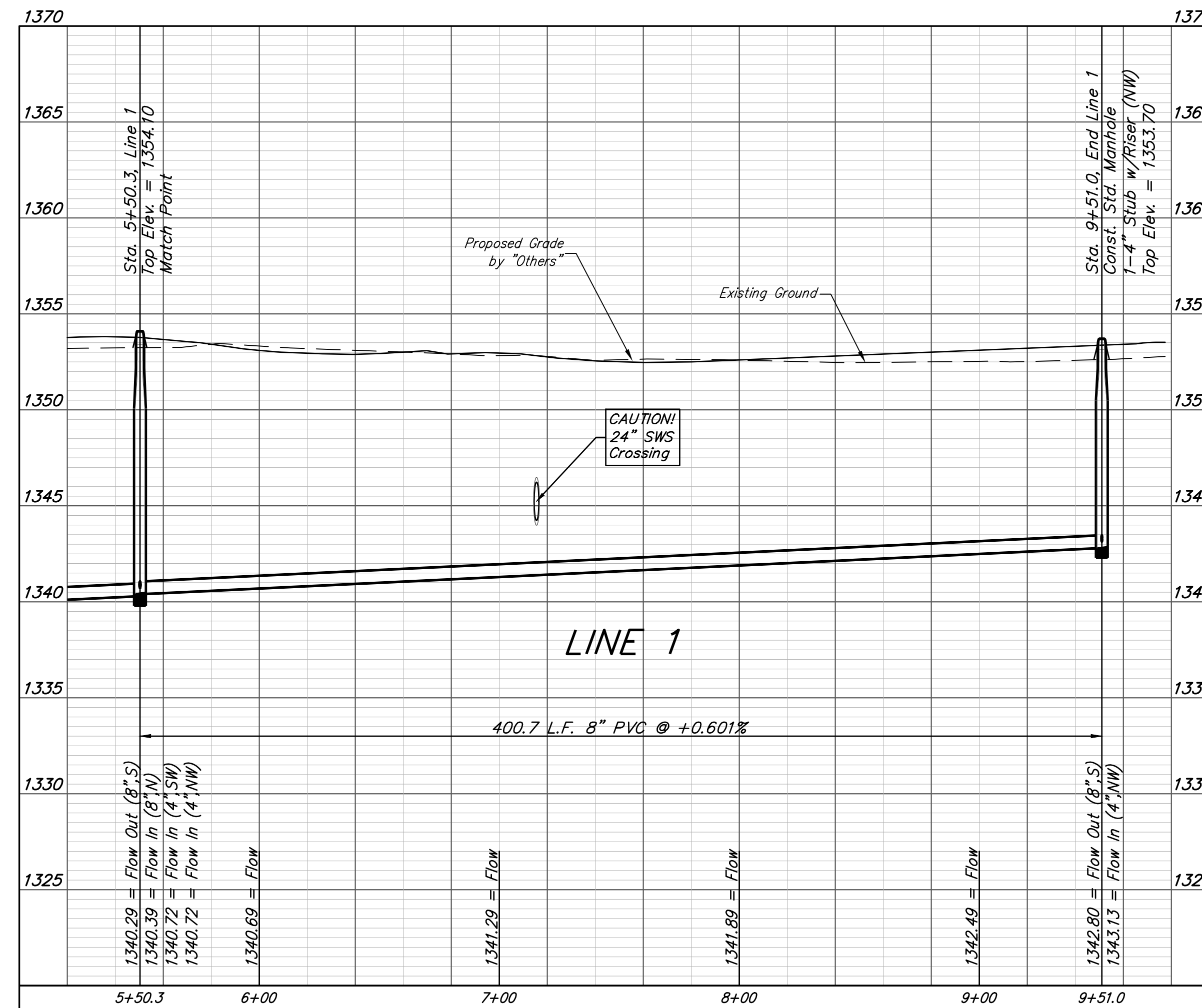
All trench and manhole excavation areas from Sta. 0+00.0 to Sta. 9+51.0, Line 1 shall be backfilled with sand. The sand backfill shall be water-jetted and vibrated during backfilling. All costs shall be paid for as L.F. "Fill, Sand (Flushed & Vibrated)".

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY		DISTANCE FROM MAIN TO RISER (LT./RT.)	DISTANCE FROM		
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE		VERTICAL	HORIZONTAL	UPSTREAM MH
9	8" X 4" Tee	21	A	1	6+36.0/Lt.	7.2	9.6	10' Lt.	315'	86'
10	8" X 4" Tee	22	A	1	7+26.8/Lt.	6.3	9.1	10' Lt.	224'	177'
11	8" X 4" Tee	23	A	1	7+96.6/Lt.	5.8	8.8	9' Lt.	153'	248'
12	8" X 4" Tee	24	A	1	8+76.6/Lt.	5.8	9.4	9' Lt.	75'	326'
13	4" Stub	25	A	1	9+51.0/Lt.	6.4	12.0	12' Lt.	@ mh	@ mh

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

FALCON FALLS 3RD ADDITION



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FALCON FALLS 3RD ADDITION - PH. 2

LINE 1

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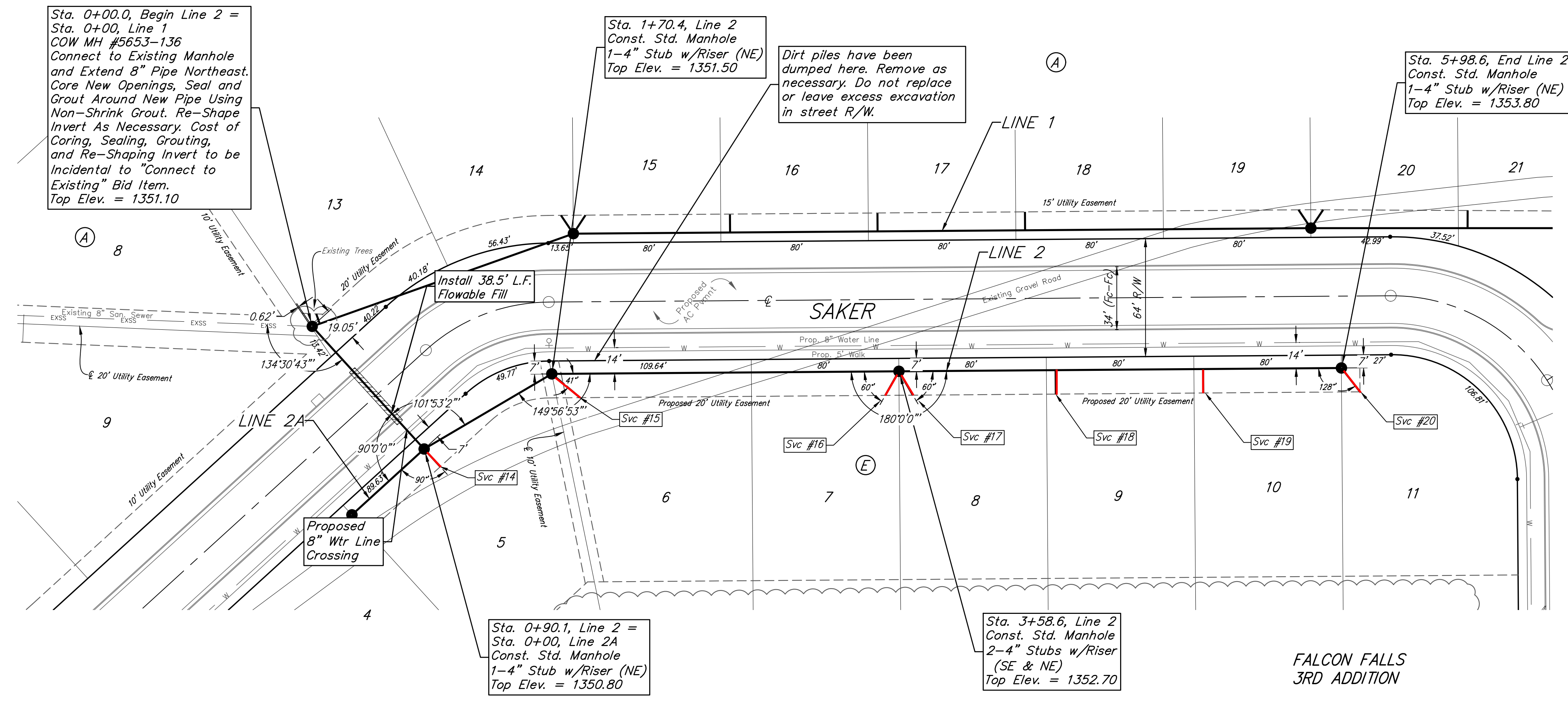
DESIGN: AEG DRAWN: HJW
 DATE: March 24, 2022

SHEET OF
3 17

File: E:\Projects\Falcon Falls 3rd Phase 2\ISS 20-11-E765\SS PLANS.dwg

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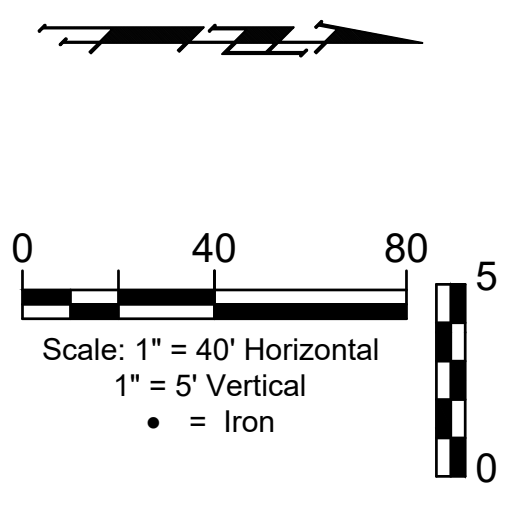
FALCON FALLS 3RD ADDITION



NUMBER	DISTANCE FROM MAIN TO RISER (LT./RT.)	DISTANCE FROM	
		UPSTREAM MH	DOWNSTREAM MH
14	13' Rt.	@ mh	@ mh
15	20' Rt.	@ mh	@ mh
16	15' Rt.	@ mh	@ mh
17	15' Rt.	@ mh	@ mh
18	14' Rt.	240'	8'
19	14' Rt.	74'	166'
20	17' Rt.	@ mh	@ mh

NOTE: Maintain 10 ft. of horizontal separation (outside dimension to outside dimension) between the water lines and sanitary sewer lines.

All trench and manhole excavation areas from Sta. 0+90.1 to Sta. 5+98.6, Line 2 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)".

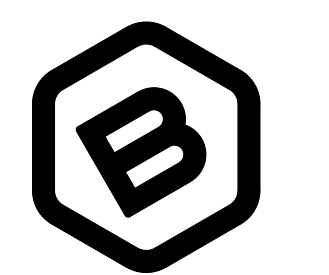
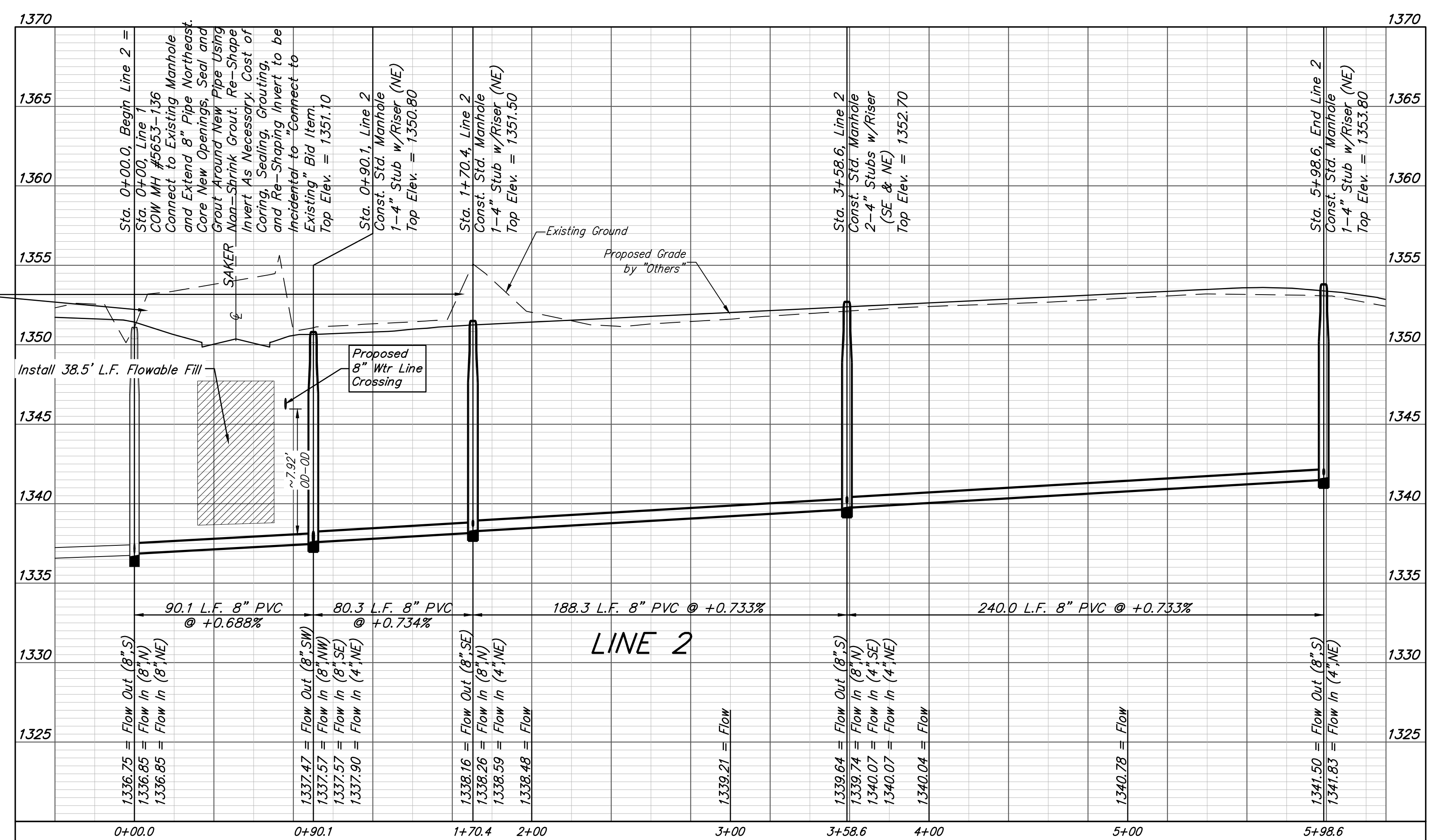


SEWER SERVICE TABLE

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		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
						VERTICAL	HORIZONTAL
14	4" Stub	5	E	2	0+90.1/Rt.	8.3	13.0
15	4" Stub	6	E	2	1+70.4/Rt.	8.3	20.0
16	4" Stub	7	E	2	3+58.6/Rt.	7.9	15.0
17	4" Stub	8	E	2	3+58.6/Rt.	8.0	15.0
18	8" X 4" Tee	9	E	2	4+43.6/Rt.	7.2	13.0
19	8" X 4" Tee	10	E	2	5+23.6/Rt.	7.2	13.0
20	4" Stub	11	E	2	5+98.6/Rt.	7.1	16.4

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

Remove dump piles as necessary. Do not replace or leave excess excavation in street R/W.



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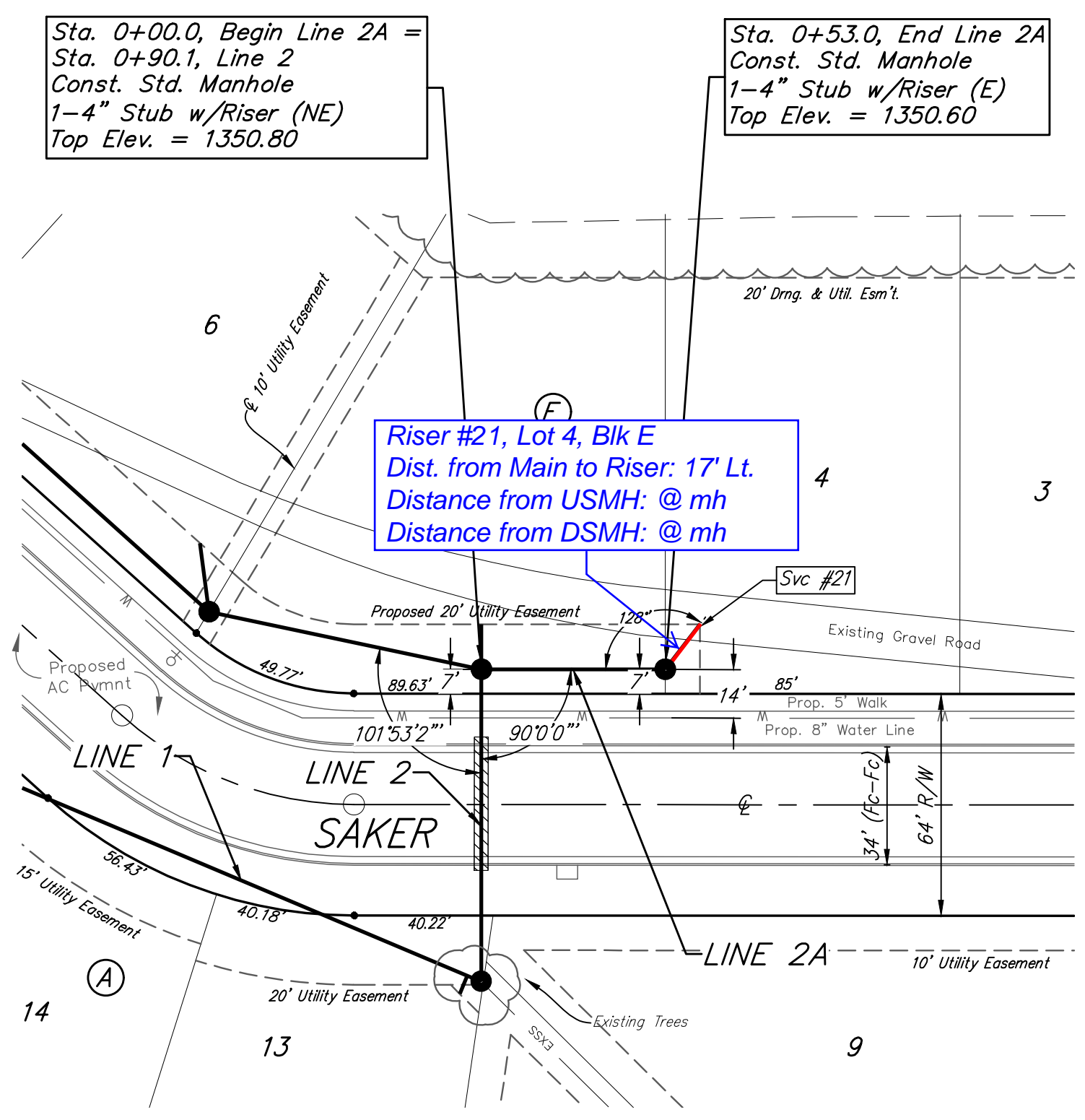
FALCON FALLS 3RD ADDITION - PH. 2

LINE 2

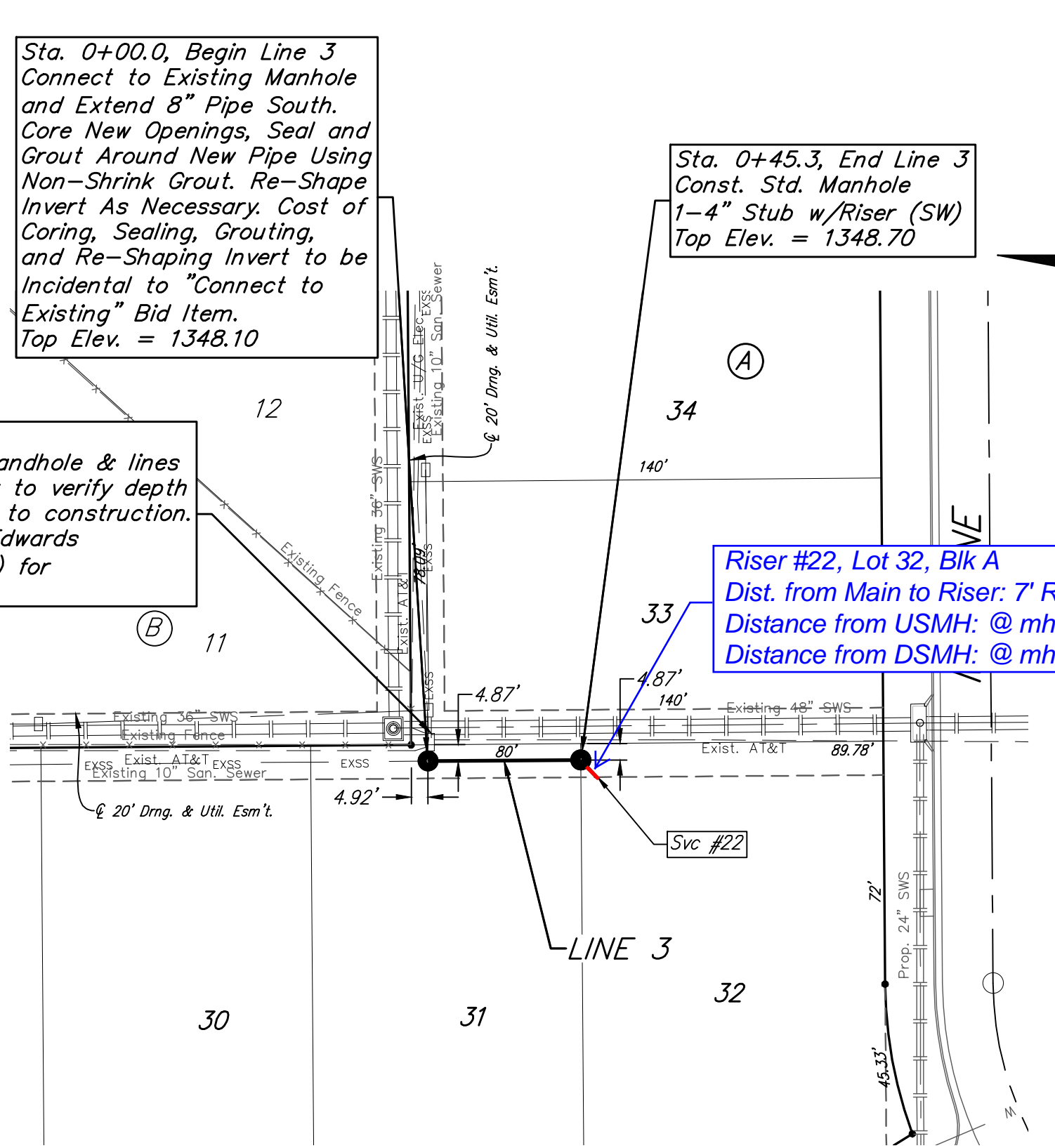
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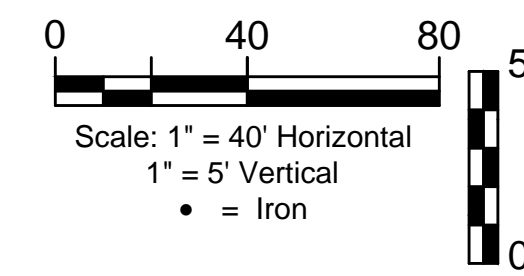
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FALCON FALLS 3RD ADDITION



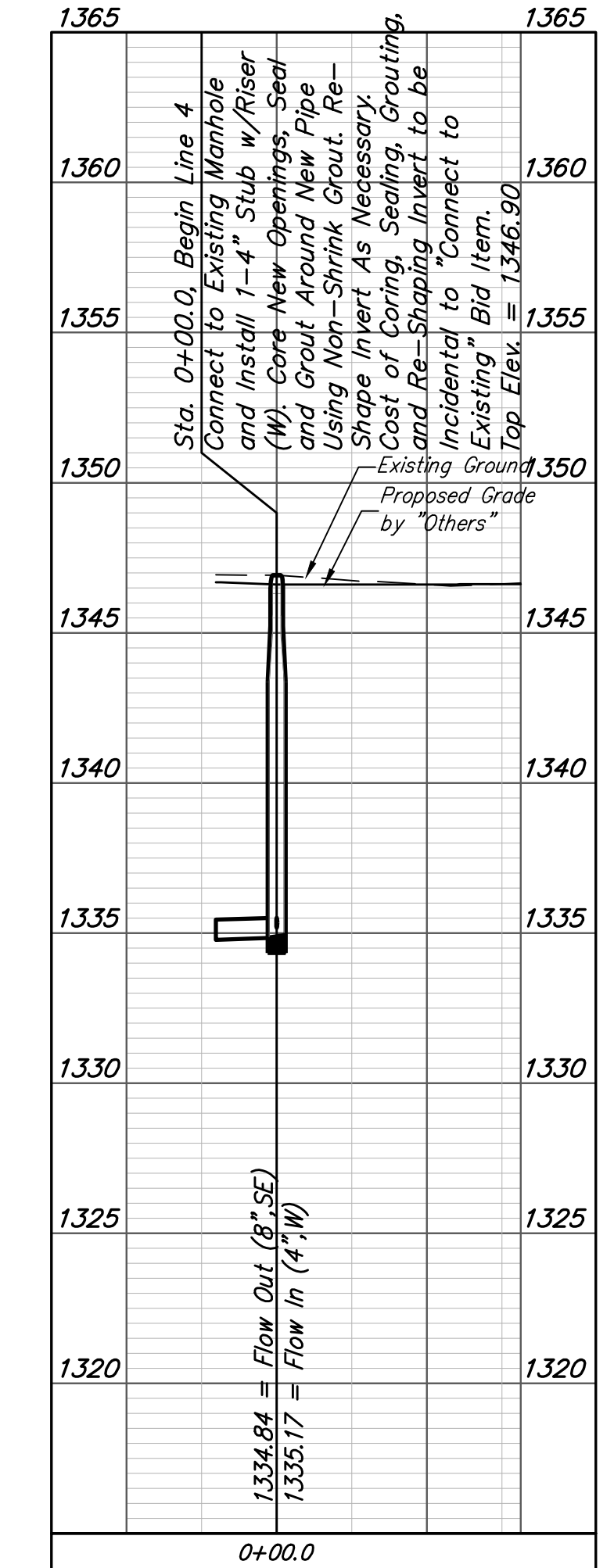
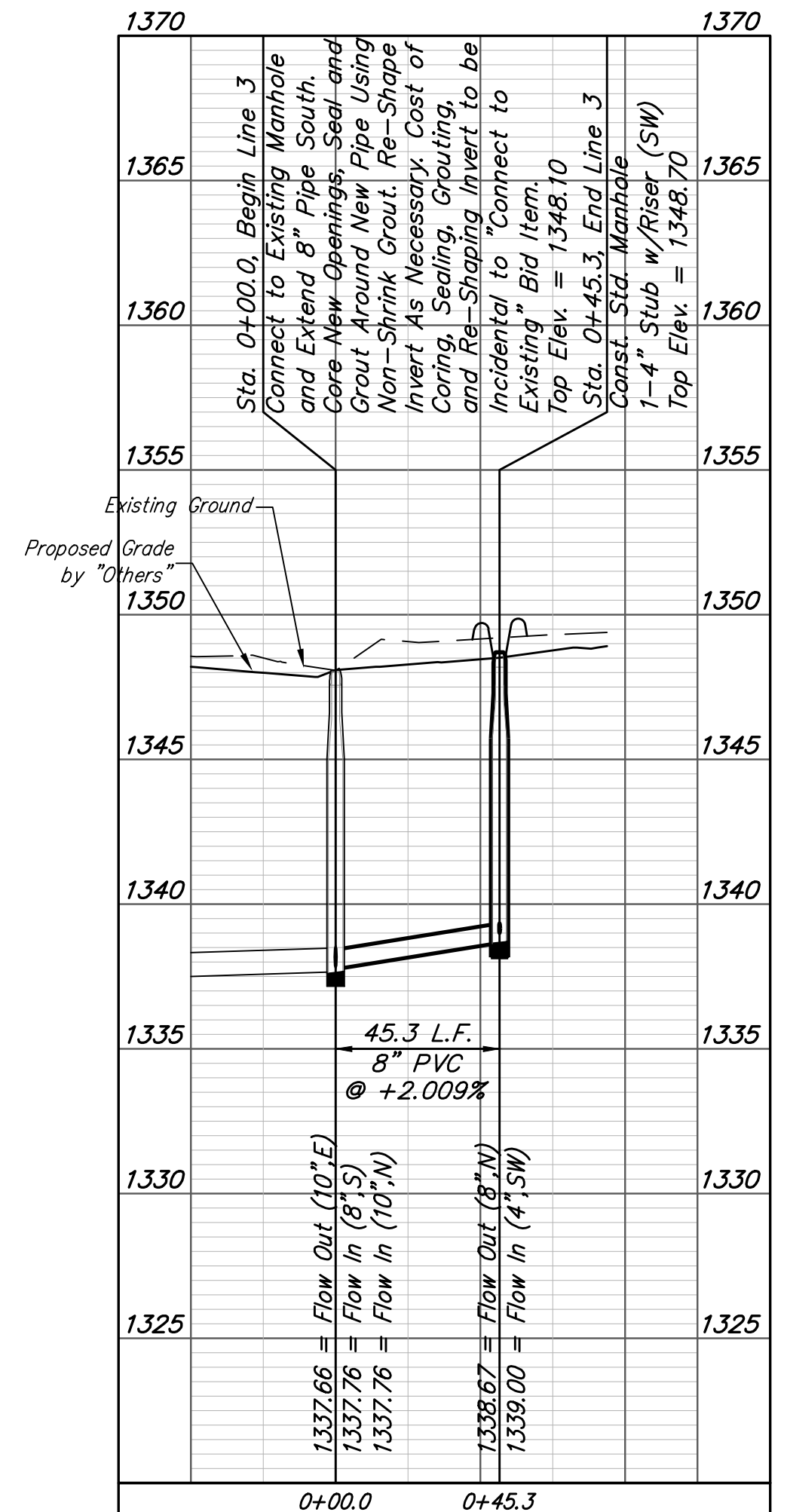
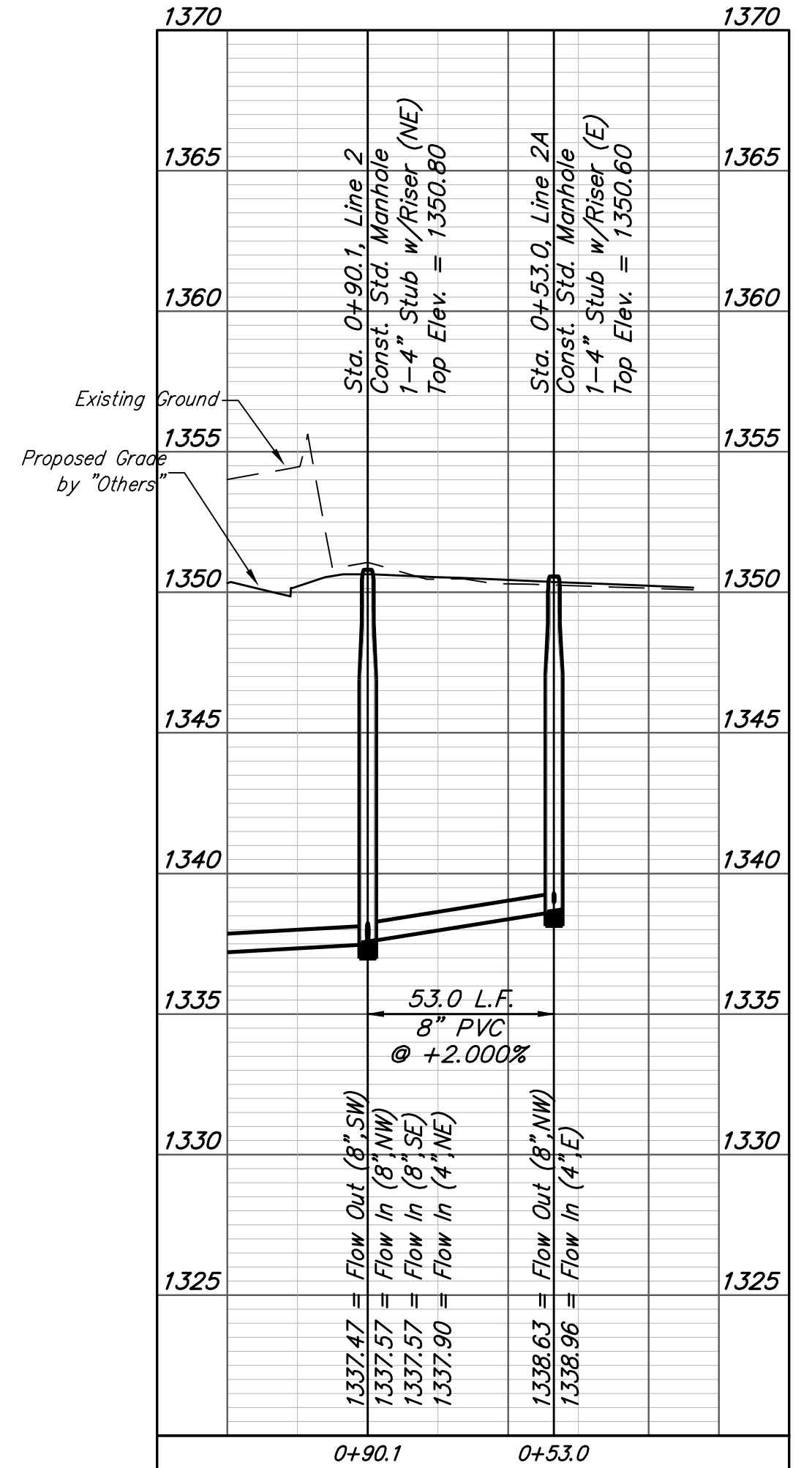
FALCON FALLS 3RD ADDITION



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		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
						VERTICAL	HORIZONTAL
21	4" Stub	4	E	2A	0+53.0/Lt.	7.2	16.4
22	4" Stub	32	A	3	0+45.3/Rt.	6.0	7.0
23	4" Stub	3	E	4	0+0/Lt.	7.4	21.0

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

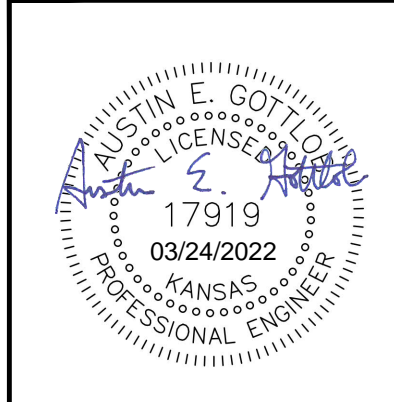


CAUTION! Existing AT&T lines near. Contractor to verify depth & location prior to construction. Contact Jason Edwards (316-268-2008) for coordination.

NOTE: Maintain 10 ft. of horizontal separation (outside dimension to outside dimension) between the water lines and sanitary sewer lines.

All trench and manhole excavation areas from Sta. 0+00.0 to Sta. 0+53.0, Line 2A 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)".

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FALCON FALLS 3RD ADDITION - PH. 2

LINE 2A, 3, & 4

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
468-2021-036824

DESIGN: AEG DRAWN: HJW

DATE: March 24, 2022

SHEET OF
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File: E:\Projects\Falcon Falls 3rd\Phase 2\SS 20-11-E765\SS PLANS.dwg

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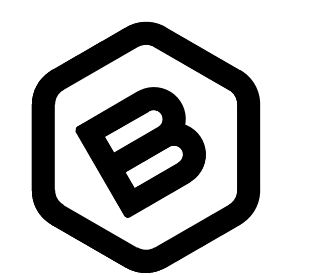
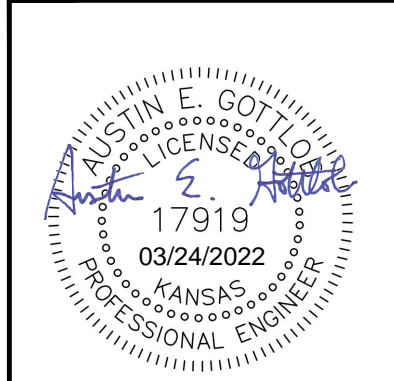
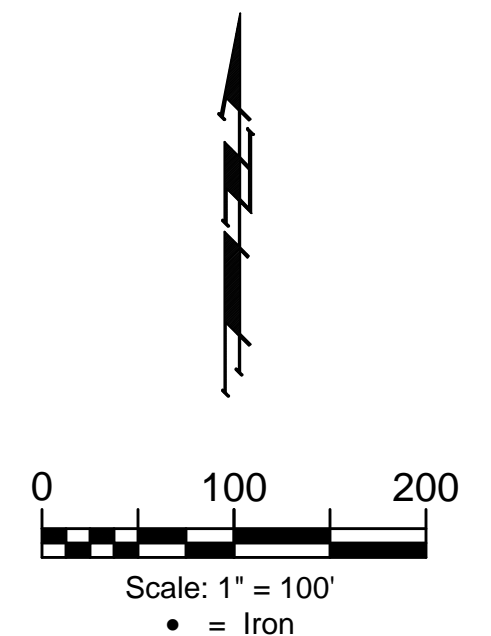
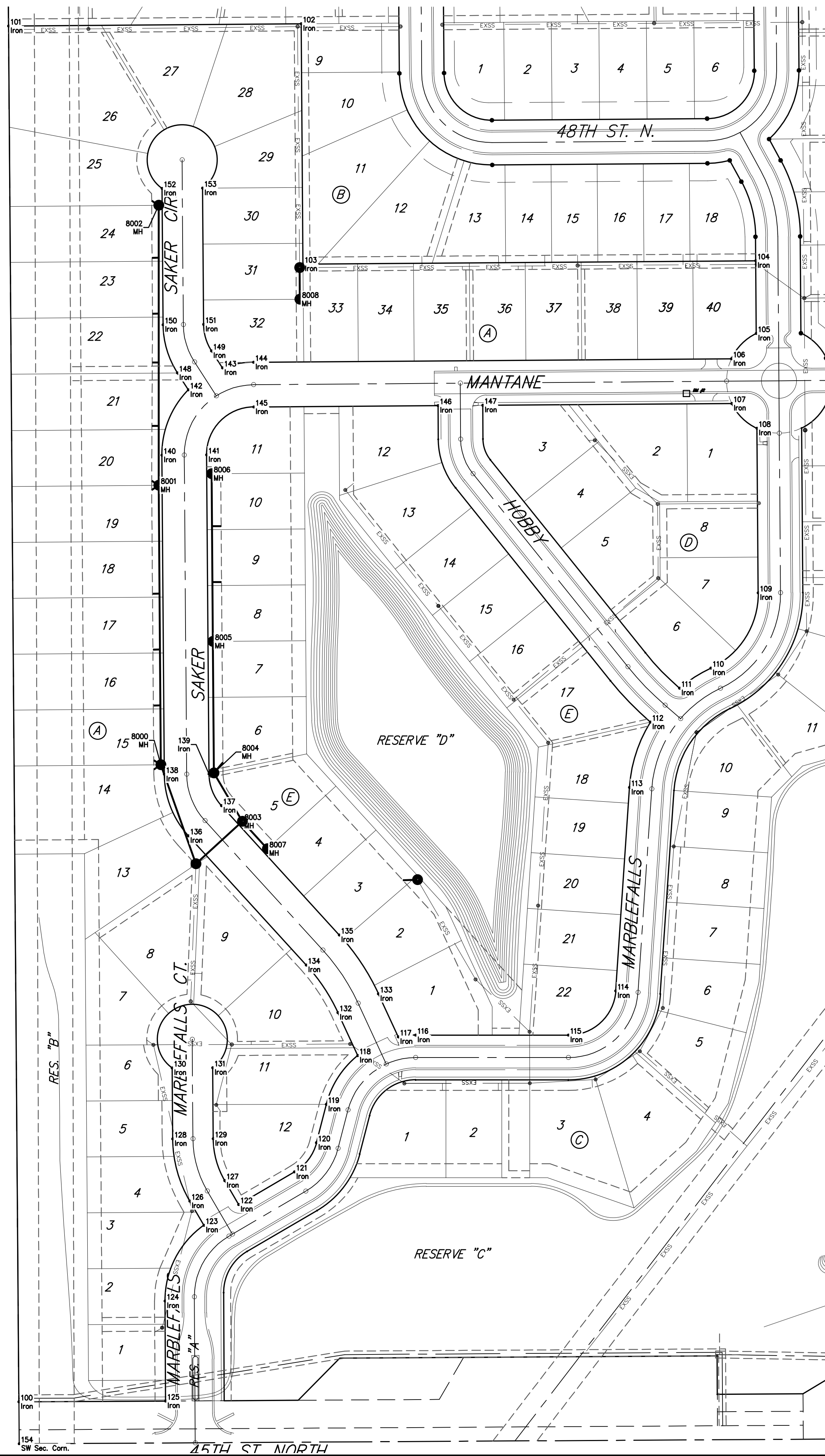
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Iron at SW Corner of the SE 1/4, Section 22, Township 26-S, R-1-E. Elev. = 1345.74 NGVD29

Point #	Northing	Eastng	Description
100	5,029.33	7,411.07	Iron
101	6,998.41	7,396.31	Iron
102	7,001.55	7,815.30	Iron
103	6,657.56	7,817.88	Iron
104	6,662.41	8,463.96	Iron
105	6,558.25	8,466.74	Iron
106	6,522.15	8,431.18	Iron
107	6,458.15	8,431.66	Iron
108	6,422.59	8,467.75	Iron
109	6,187.09	8,469.52	Iron
110	6,079.46	8,401.82	Iron
111	6,050.69	8,357.05	Iron
112	6,002.21	8,315.27	Iron
113	5,908.71	8,285.24	Iron
114	5,617.46	8,265.51	Iron
115	5,554.06	8,197.67	Iron
116	5,554.06	7,979.13	Iron
117	5,551.71	7,954.36	Iron
118	5,524.83	7,896.28	Iron
119	5,455.04	7,851.31	Iron
120	5,400.16	7,837.15	Iron
121	5,358.46	7,805.65	Iron
122	5,311.73	7,725.77	Iron
123	5,282.01	7,675.96	Iron
124	5,173.57	7,620.33	Iron
125	5,030.55	7,621.17	Iron
126	5,316.55	7,655.75	Iron
127	5,345.84	7,705.81	Iron
128	5,405.60	7,631.26	Iron
129	5,406.04	7,689.26	Iron
130	5,507.10	7,630.50	Iron
131	5,507.53	7,688.50	Iron
132	5,586.39	7,867.78	Iron
133	5,613.27	7,925.86	Iron
134	5,654.38	7,822.60	Iron
135	5,697.51	7,869.89	Iron
136	5,839.45	7,653.81	Iron
137	5,882.58	7,701.10	Iron
138	5,927.41	7,619.35	Iron
139	5,927.89	7,683.35	Iron

Point #	Northing	Eastng	Description
140	6,394.03	7,615.92	Iron
141	6,394.51	7,679.92	Iron
142	6,477.57	7,653.79	Iron
143	6,508.98	7,702.55	Iron
144	6,517.02	7,746.93	Iron
145	6,453.02	7,747.41	Iron
146	6,455.00	8,011.19	Iron
147	6,455.48	8,075.19	Iron
148	6,501.95	7,638.08	Iron
149	6,533.37	7,686.84	Iron
150	6,570.86	7,617.52	Iron
151	6,571.29	7,675.52	Iron
152	6,785.82	7,616.06	Iron
153	6,786.26	7,674.06	Iron
154	4,969.33	7,411.52	SW Sec. Corn.
155	10,286.11	7,366.83	NW Sec. Corn.
156	10,296.57	12,652.39	NE Sec. Corn.
157	4,977.76	12,676.72	SE Sec. Corn.

Point #	Northing	Eastng	Description
8000	5,941.02	7,614.24	MH
8001	6,341.01	7,611.25	MH
8002	6,741.76	7,611.24	MH
8003	5,860.09	7,731.09	MH
8004	5,929.32	7,690.33	MH
8005	6,117.57	7,688.92	MH
8006	6,357.57	7,687.13	MH
8007	5,820.91	7,766.82	MH
8008	6,607.30	7,813.39	MH



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

FALCON FALLS 3RD ADDITION - PH. 2

COORDINATES

SANITARY SEWER IMPROVEMENTS
 PROJECT NUMBER: 468-2021-036824
 DESIGN: AEG DRAWN: HJW
 DATE: March 24, 2022
 SHEET 15 OF 17

File: E:\Projects\Falcon Falls 3rd\Phase 2\SS 20-11-E765\SS PLANS.dwg