

**GENERAL NOTES:**

- 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 1-888-492-4950  
 Energy 383-8650  
 Aquila Energy 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
- Utility service lines, poles, valve boxes, meters, and electrical 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 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.
- 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.
- 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 existing and proposed erosion control measures including silt fencing, erosion control mat, straw bales, sheet barriers, and canal, 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".
- All excess excavation shall remain on-site and shall be stockpiled or spread at a location determined by the Engineer.
- 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.
- All areas within 45th St. R/W disturbed during construction shall be seeded, mulched, and fertilized as follows:  
 SEED --- Kansas Premium Fescue Blend; 8#/1000 Sq. Ft.  
 Ryegrass (P.L.S.); 3#/1000 Sq. Ft. and  
 FERTILIZER --- 12-24-12 Ratio at 45 Lbs./Ac.  
 MULCH --- 2 tons Prairie Hay / Acre  
 All other disturbed areas are to be seeded as follows:  
 SEED --- Ryegrass (P.L.S.)---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 Ryegrass at 5 Lbs./1000 Sq. Ft. unless otherwise noted and shall be planted when permanent seed or sod cannot be used due to seasonal limitations.
- 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. Dead trees and shrubs located on lots 17 through 30, block A and in the public right-of-way shall be removed. Trees that are not dead and not in direct conflict with the proposed new construction shall remain and be protected from damage. If trimming is necessary, a chainsaw shall be used. An on-site pre-construction meeting will occur prior to any construction to discuss tree removal, tree protection, and tree trimming.
- Sales tax exemption does not apply to this project.
- The Developer for this project is Jay Russell, P.O. Box 75337, Wichita, KS 67272, PH# (316) 990-2105 Email: jayrussellco.com

# SANITARY SEWER IMPROVEMENTS

to serve

## RENNICK ADDITION - Ph. II

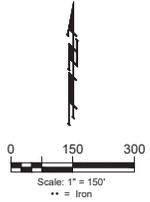
### CITY OF WICHITA, KANSAS

Paul Gunzelman, P.E. City Engineer  
 Project Number: 468-2021-008734  
 Org Code Number: 47271524  
 Munis Number: E4061

5052A/5053B

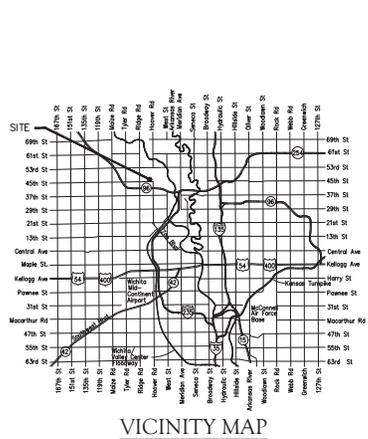
SWI-12

Mies Construction - Contractor  
 S. Lowe - City of Wichita, Field Project Engineer  
 As-Built  
 Stubs & Risers  
 Release Date: 1/6/2025  
 Completion Date:  
 pdf: apossas 1/7/2025

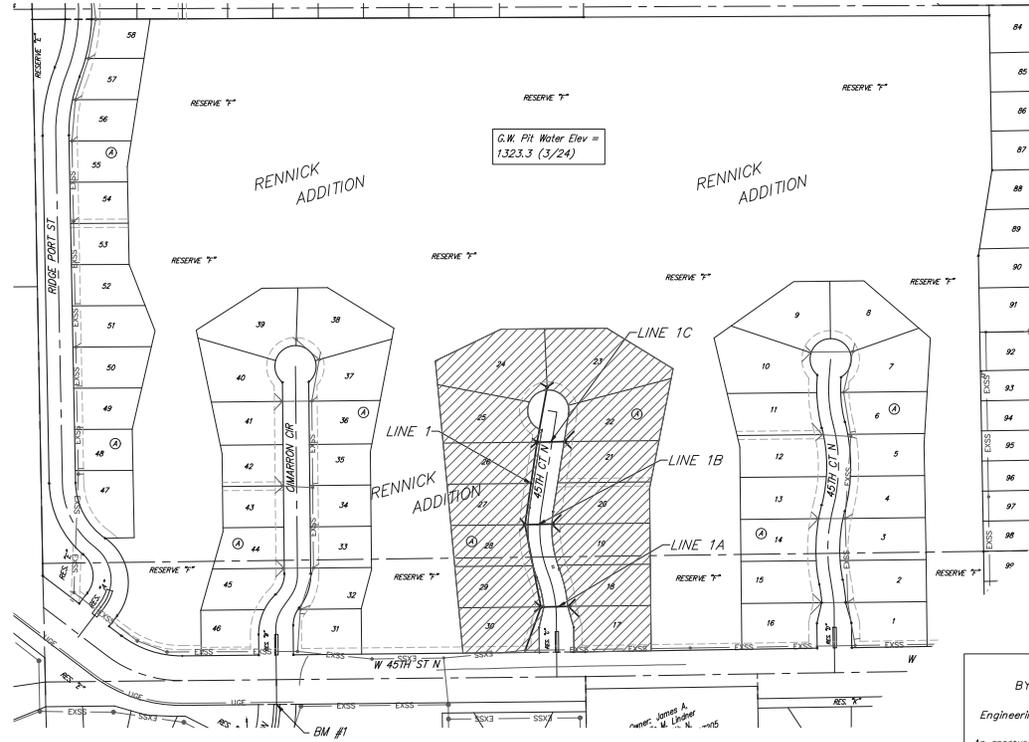


**SHEET INDEX**

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Vertical Riser Detail	12
Cleanout Detail	13
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**BENCHMARKS**  
 CROSS CUT IN SQUARE CUT, TOP OF CURB AT NORTH END OF ISLAND, SOUTH OF INTERSECTION OF CIMARRON AND W 45TH ST N, 128.3' SOUTH-SOUTHWEST OF SOUTHWEST CORNER, LOT 37, BLOCK A, RENNIK ADD. & 129.1' SOUTH-SOUTHWEST OF THE SOUTHWEST CORNER OF LOT 46, BLOCK A, RENNIK ADD. ELEV. = 1339.19 NAVD88  
 CROSS CUT IN SQUARE CUT IN CONC. DRIVEWAY, 158.0' SOUTH & 30.4' EAST OF THE E1/4 COR., SEC. 22, T1P. 26-S, R-1-W, 9.8' WEST OF WEST FACE OF SOUTH GATE POST, 28.1' SOUTH-SOUTHWEST OF SOUTHWEST FACE OF NORTH GATE POST. ELEV. = 1337.08 NAVD88



APPROVED AS NOTED  
 BY WICHITA PUBLIC WORKS ENGINEERING  
 Engineering \_\_\_\_\_  
 An approved copy of these plans signed by City staff are required on-site.



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

BENEFIT DISTRICT



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 Rennick Addn, Ph 2 (Private Bid Project)

**Project Location:** 45th Ct North

**Project No:** 468-2021-008734/448-2021-008732

**MUNIS No:** EA061/EA062

**Contractor:** Mies

**Inspector:** Justin Starks

Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)	Distance from		Comment
				Upstream MH	Downstream MH	
1	1	1+11.9	11' LT	19'	91'	
2	1	1+11.9	11 LT	187'	16'	
3	1	3+15.2	15 LT	14'	189'	
4	1	3+15.2	14 LT	186'	15'	
5	1	5+17.6	13 LT	15'	185'	
6	1	5+17.6	13 LT	128'	8'	
7	1	6+23.3	18 LT	N/A	7'	
8	1	6+23.3	18 LT	N/A	14'	
9	1	6+93.9	13 LT	N/A	19'	
10	1A	0+66.5	26 RT	N/A	10'	
11	1A	0+66.5	17 LT	N/A	16'	
12	1B	0+65.1	20 RT	N/A	17'	
13	1B	0+65.1	19 LT	N/A	15'	
14	1C	0+66.2	16 RT	N/A	17'	
	1C	0+66.2	25 LT	N/A		

**BENCHMARKS:**  
 CROSS CUT IN SQUARE CUT, TOP OF CURB AT NORTH END OF ISLAND, SOUTH OF INTERSECTION OF CIMARRON AND W 45TH ST N, 128.3' SOUTH-SOUTHWEST OF SOUTHWEST CORNER, LOT 31, BLOCK A, RENNICK ADD. & 128.1' SOUTH-SOUTHWEST OF THE SOUTHEAST CORNER OF LOT 46, BLOCK A, RENNICK ADD. ELEV. = 1339.19 NAVD88

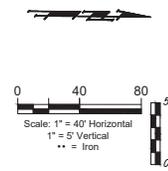
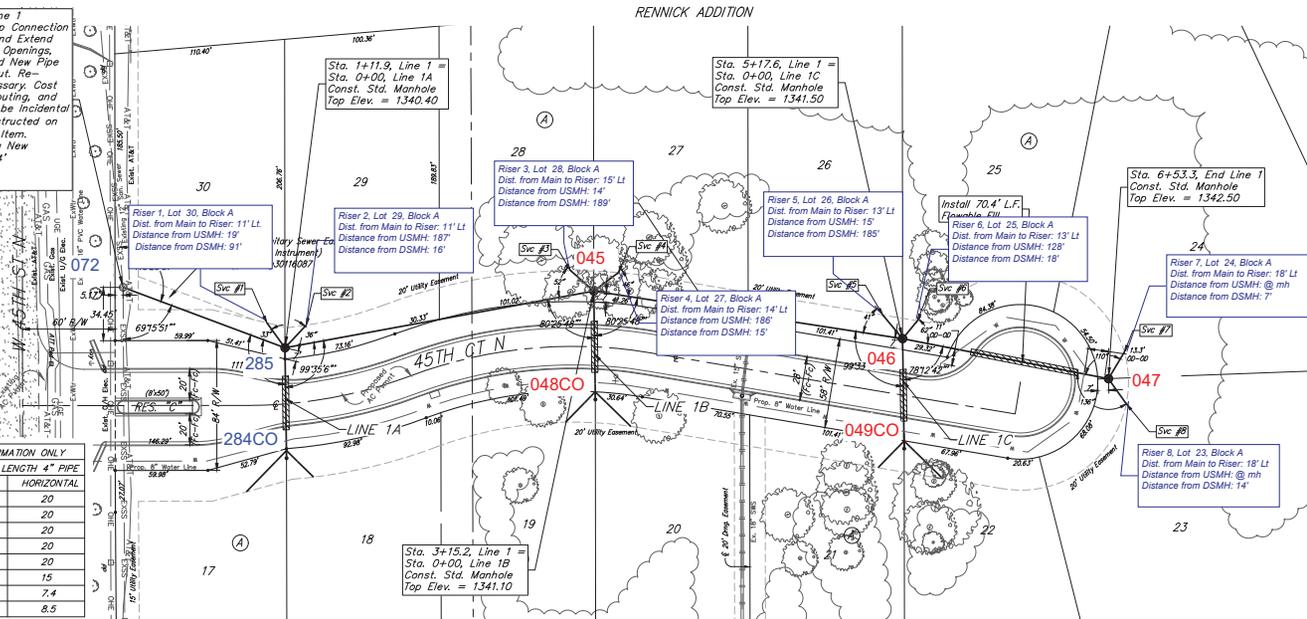
CROSS CUT IN SQUARE CUT IN CONC. DRIVEWAY, 158.0' SOUTH & 30.4' EAST OF THE E1/4 COR., SEC. 22, TWP. 26-S, R-1-W, 9.8' WEST OF WEST FACE OF SOUTH GATE POST, 28.2' SOUTH-SOUTHWEST OF SOUTHWEST FACE OF NORTH GATE POST. ELEV. = 1337.08 NAVD88

Sta. 0+00.0, Begin Line 1  
 Construct Outside Drop Connection on Existing Manhole and Extend Pipe North. Core New Openings, Seal and Grout Around New Pipe Using Non-Shrink Grout. Re-Shape Invert As Necessary. Cost of Coring, Sealing, Grouting, and Re-Shaping Invert to be Incidental to "Outside Drop Constructed on Existing Manhole" Bid Item. Adjust Manhole with a New Barrel Section of 1.84'. Ex. Elev. = 1335.66  
 Top Elev. = 1337.50

NOTE: Existing trees which are in direct conflict with proposed new construction shall be removed by the Contractor ONLY with approval of the Engineer. Dead trees and shrubs located on lots 17 through 30, block A and in the public right-of-way shall be removed. Trees that are not dead and not in direct conflict with proposed new construction shall remain and be protected from damage. Cost shall be included in bid item "Tree Removal"

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY		
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
						VERTICAL	HORIZONTAL
1	4" Stub	30	A	1	1+11.9/Lt.	8.5	20
2	4" Stub	29	A	1	1+11.9/Lt.	8.5	20
3	4" Stub	28	A	1	3+15.2/Lt.	8.3	20
4	4" Stub	27	A	1	3+15.2/Lt.	8.3	20
5	4" Stub	26	A	1	5+17.6/Lt.	7.7	20
6	4" Stub	25	A	1	5+17.6/Lt.	7.8	15
7	4" Stub	24	A	1	6+23.3/Lt.	8.7	7.4
8	4" Stub	23	A	1	6+23.3/Lt.	8.3	8.5

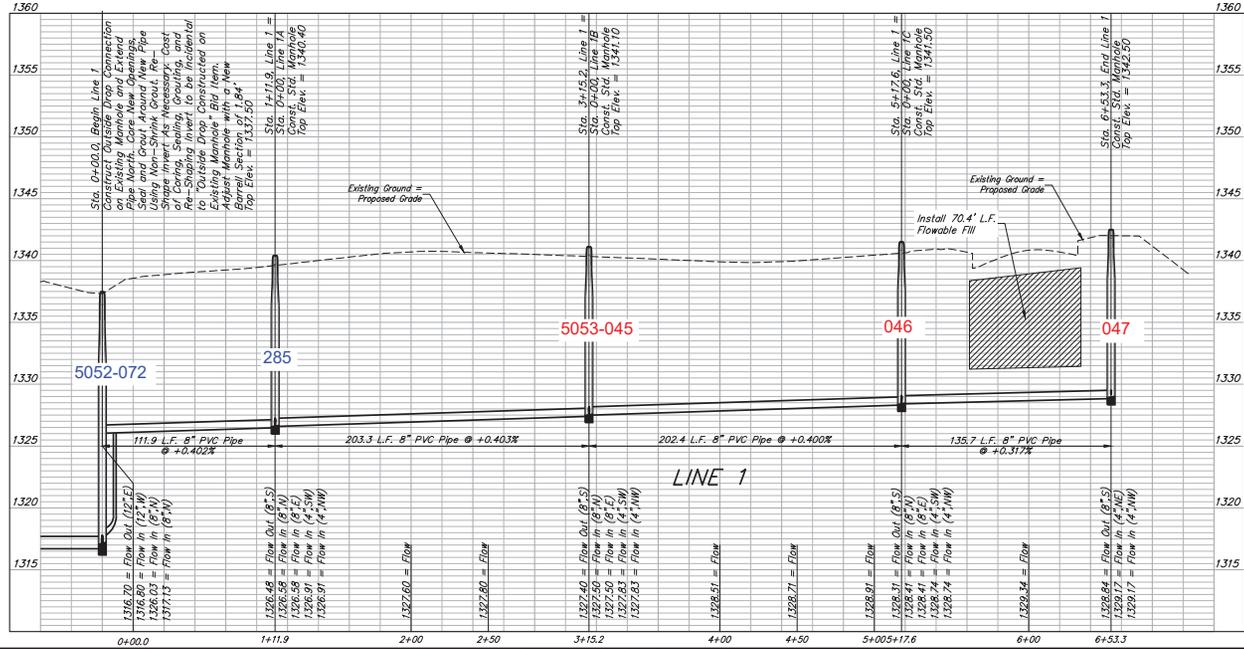
NOTE: Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.



NOTE: G.W. Pit Water Elev = 1323.3 (3/24)

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

NOTE: All trench and manhole excavation areas from Sta. 0+00.0 to Sta. 6+53.3, 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)".



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

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RENNICK ADD. - PH. II

**LINE 1**

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER: 468-2021-008734

DESIGN: AEG DRAWN: HWJ

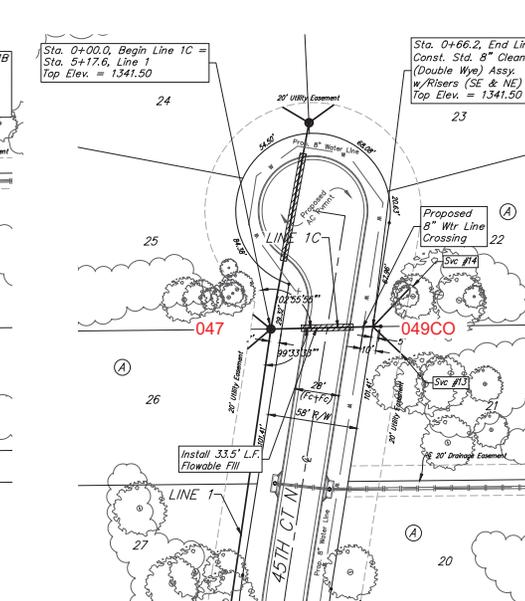
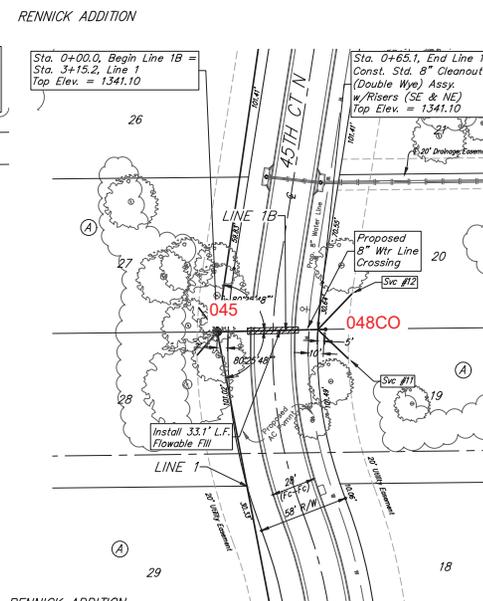
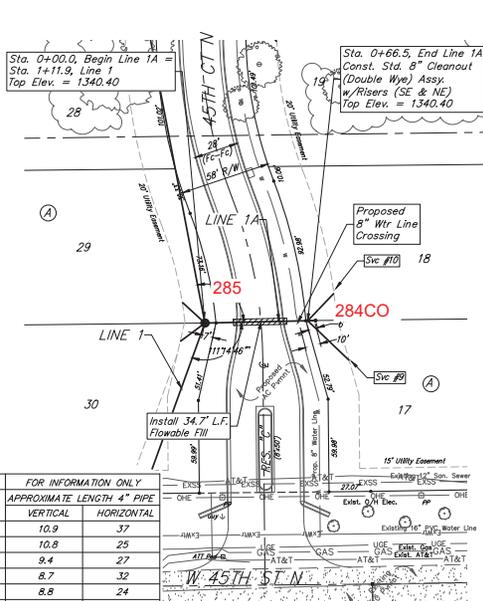
DATE: June 10, 2024

SHEET OF 2 15

PH. II - Project: RENNICK Addition, 16.10.23 (2) Engineering/Phase 2/SS/S&S

**BENCHMARKS:**  
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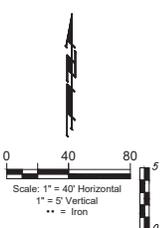
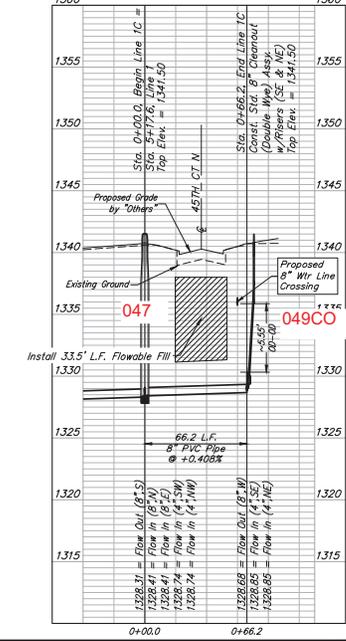
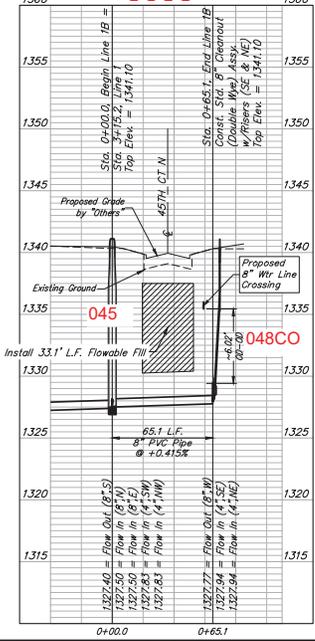
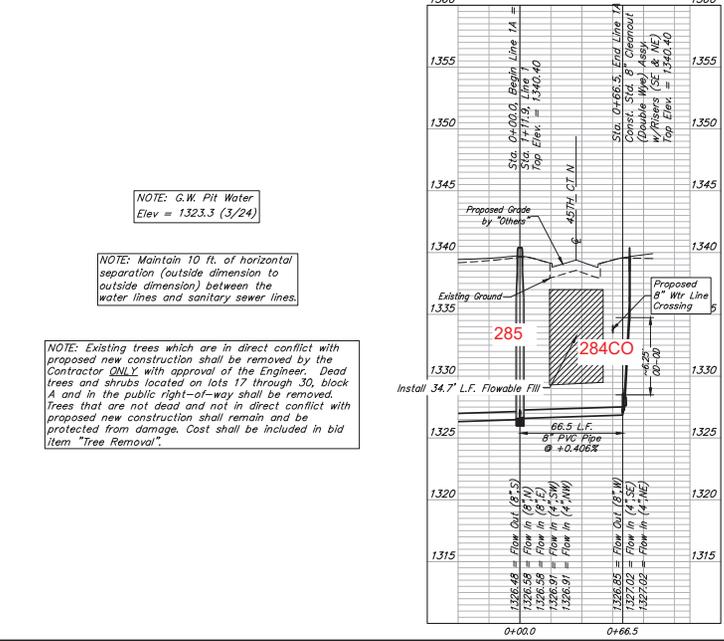
NUMBER	TYPE	LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
						VERTICAL	HORIZONTAL
9	Wye Ext	17	A	1A	0+66.5/Rt.	10.9	37
10	Wye Ext	18	A	1A	0+66.5/Lt.	10.8	25
11	Wye Ext	19	A	1B	0+65.1/Rt.	9.4	27
12	Wye Ext	20	A	1B	0+65.1/Lt.	8.7	32
13	Wye Ext	21	A	1C	0+66.2/Rt.	8.8	24
14	Wye Ext	22	A	1C	0+66.2/Lt.	9.7	35

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

NOTE: G.W. Pit Water Elev = 1323.3 (3/24)

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

NOTE: Existing trees which are in direct conflict with proposed new construction shall be removed by the Contractor QWL with approval of the Engineer. Dead trees and shrubs located on lots 17 through 30, block A and in the public right-of-way shall be removed. Trees that are not dead and not in direct conflict with proposed new construction shall remain and be protected from damage. Cost shall be included in bid item "Tree Removal".



**BAUGHMAN COMPANY**  
 315 Ellis St.  
 Wichita, KS 67211  
 316-262-7271  
 BaughmanCo.com  
 RENNICK ADD. - PH. II  
**LINE 1A, 1B, & 1C**  
 SANITARY SEWER IMPROVEMENTS  
 PROJECT NUMBER: 468-2021-008734  
 DESIGN: AEG DRAWN: HWJ  
 DATE: June 10, 2024  
 SHEET OF **3 15**  
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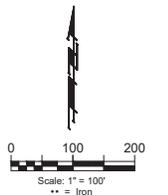
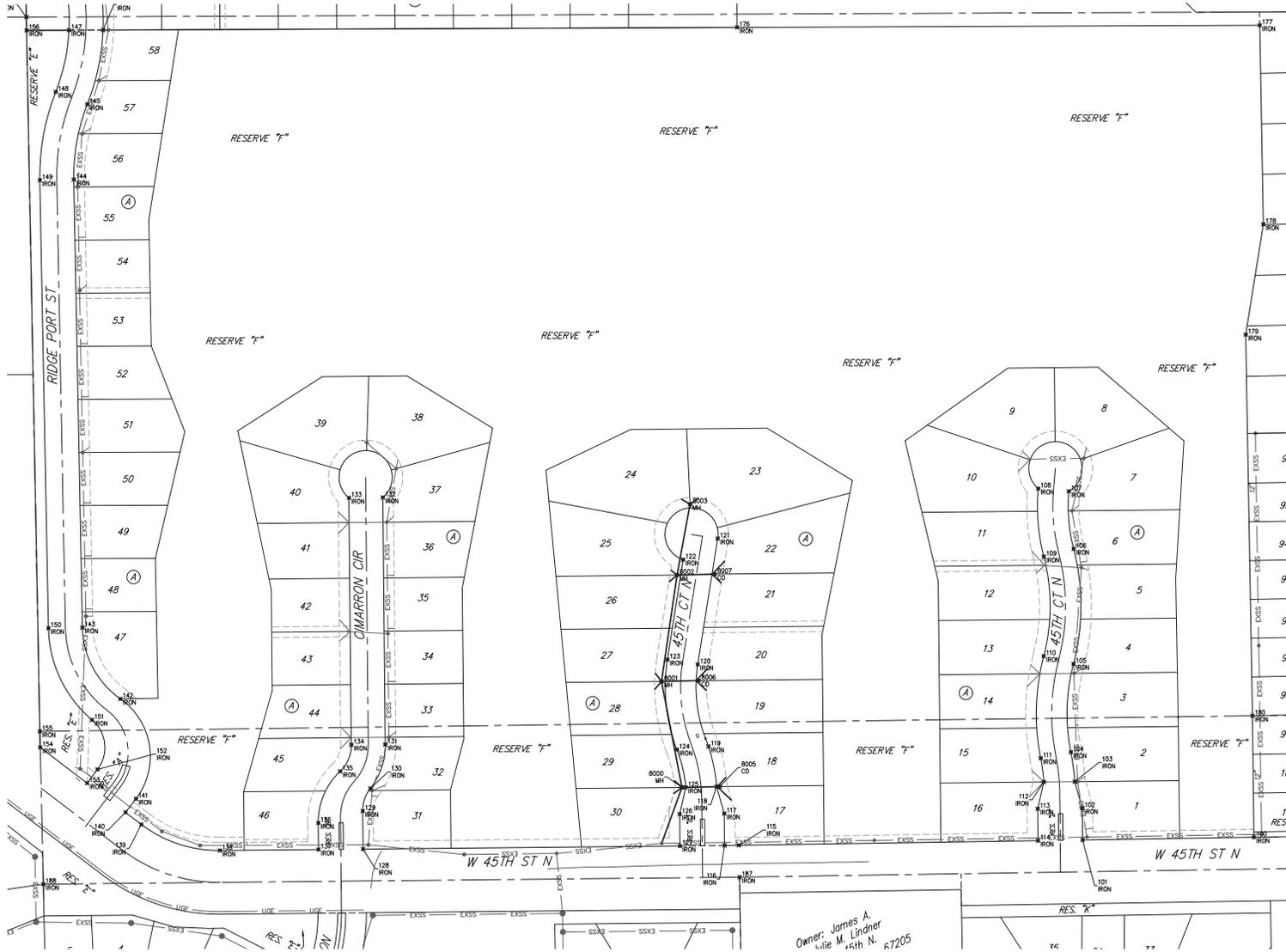
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**CROSS CUT IN SQUARE CUT IN CONC. DRIVEWAY, 158.0' SOUTH & 30.4' EAST OF THE E1/4 COR., SEC. 22, TWP. 26-S, R-1-W, 9.8' WEST OF WEST FACE OF SOUTH GATE POST, 28.2' SOUTH-SOUTHWEST OF SOUTHWEST FACE OF NORTH GATE POST. ELEV. = 1,337.08 NAVD88**

Point #	Northing	Easting	Description
100	1,744,494.74	1,627,553.60	IRON
101	1,744,488.14	1,627,230.54	IRON
102	1,744,548.12	1,627,229.68	IRON
103	1,744,597.68	1,627,215.28	IRON
104	1,744,633.09	1,627,207.68	IRON
105	1,744,693.19	1,627,217.87	IRON
106	1,745,036.86	1,627,211.12	IRON
107	1,745,144.49	1,627,201.58	IRON
108	1,745,149.29	1,627,143.78	IRON
109	1,745,021.07	1,627,155.05	IRON
110	1,744,833.94	1,627,155.70	IRON
111	1,744,641.51	1,627,150.85	IRON
112	1,744,596.83	1,627,151.16	IRON
113	1,744,546.49	1,627,146.89	IRON
114	1,744,486.42	1,627,141.56	IRON
115	1,744,474.80	1,626,983.07	IRON
116	1,744,474.51	1,626,936.01	IRON
117	1,744,534.48	1,626,935.12	IRON
118	1,744,585.19	1,626,940.43	IRON
119	1,744,660.69	1,626,924.84	IRON
120	1,744,693.19	1,626,933.87	IRON
121	1,745,032.29	1,626,942.91	IRON
122	1,745,012.27	1,626,476.43	IRON
123	1,744,823.83	1,626,446.50	IRON
124	1,744,854.31	1,626,485.21	IRON
125	1,744,983.41	1,626,482.38	IRON
126	1,744,933.24	1,626,471.13	IRON
127	1,744,472.28	1,626,472.01	IRON
128	1,744,484.41	1,626,469.49	IRON
129	1,744,536.03	1,626,473.79	IRON

Point #	Northing	Easting	Description
160	1,746,280.57	1,625,206.51	IRON
161	1,746,105.12	1,625,369.27	IRON
162	1,746,184.07	1,625,356.84	IRON
163	1,746,182.29	1,626,280.69	IRON
164	1,746,599.91	1,626,380.71	IRON
165	1,746,342.51	1,626,399.28	IRON
166	1,746,342.51	1,626,331.26	IRON
167	1,746,300.64	1,626,330.72	IRON
168	1,746,250.29	1,626,280.18	IRON
169	1,746,242.03	1,625,251.82	IRON
170	1,746,422.10	1,625,208.86	IRON
171	1,746,408.80	1,626,132.47	IRON
172	1,746,602.09	1,626,115.21	IRON
173	1,746,603.82	1,626,203.70	IRON
174	1,746,623.48	1,626,498.69	IRON
175	1,746,554.09	1,626,587.31	IRON
176	1,746,014.88	1,626,572.12	IRON
177	1,746,023.64	1,627,557.16	IRON
178	1,745,648.85	1,627,565.69	IRON
179	1,745,441.81	1,627,533.39	IRON
180	1,744,723.43	1,627,542.69	IRON
181	1,745,174.55	1,626,503.28	IRON
182	1,745,372.48	1,627,280.42	IRON
183	1,745,313.43	1,627,283.46	IRON
184	1,746,051.34	1,627,460.61	IRON
185	1,744,728.44	1,627,480.64	IRON
186	1,744,441.21	1,627,480.53	IRON
187	1,744,414.48	1,626,914.41	IRON
188	1,744,385.48	1,625,272.62	IRON

Point #	Northing	Easting	Description
8000	1,744,583.51	1,626,475.16	MH
8001	1,744,701.75	1,626,433.80	MH
8002	1,744,881.18	1,626,461.89	MH
8003	1,745,716.77	1,626,487.83	MH
8004	1,746,585.09	1,626,546.87	CO
8005	1,744,794.70	1,626,555.90	CO
8007	1,744,885.15	1,626,535.01	CO



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RENNICK ADD. - PH. II

**COORDINATES**

SANITARY SEWER IMPROVEMENTS  
 PROJECT NUMBER: 468-2021-008734  
 DESIGN: AEG DRAWING: HWJ  
 DATE: June 10, 2024  
 SHEET 14 OF 15

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Owner: James A. Lindner  
 45th N. 67205