

# SANITARY SEWER IMPROVEMENTS to serve MIES 2ND ADDITION - PHASE 2

CITY OF WICHITA, KANSAS

Paul Gunzelman, P.E., City Engineer

Project Number: 468-2023-025365

Org Code Number: -- 47272324

Munis Number: -- E4095

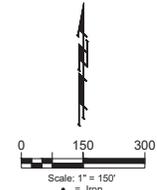
4649C

NWI-04

Mies Construction - Contractor  
S. Lowe - City of Wichita, Field Project Engineer  
R. Canillo - City of Wichita, Inspector  
As-Built  
Stubs & Risers  
Release Date (for connection purposes only): 8/7/2025  
pdf: apr 9/2/2025

**GENERAL NOTES:**

- Contractor will be required to provide notice to utility companies a minimum of forty-eight (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 1-888-452-4950  
Evergy 383-8620  
Black Hills Energy 1-800-303-0327  
AT&T 268-2245  
City of Wichita Water Dept. 268-4563  
City of Wichita Sewer Maint. 268-4094  
City of Wichita Storm Sewer Maint. 268-4090  
City of Wichita Traffic Maint. 268-4034
- Utility service lines, poles, valve boxes, meters, and electric 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 trees. The Contractor will be required to re-establish any property trees 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, silt barriers, and constant 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 disturbed by construction within the Mies 2nd Addition plat 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".
- 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.
- The developer for this project is, Jay Russell, Address: PO Box 7537, Wichita, KS 67272  
Phone: 316-590-2105  
Email: j@russellco.com

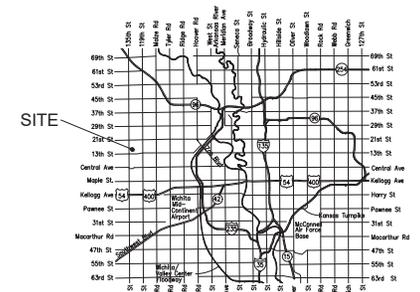


**SHEET INDEX**

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APPROVED AS NOTED  
BY WICHITA PUBLIC WORKS ENGINEERING

Engineering \_\_\_\_\_  
An approved copy of these plans signed by City staff are required on-site.



**VICINITY MAP**

**BENCHMARKS**

CORNER CROSS ON SE CORNER OF CURB INLET, EAST SIDE OF 135th ST & 32' NORTH OF THE NORTH R/W LINE OF RIDGEPOINT DR  
ELEV. = 1356.64 NAVD83  
SQUARE CUT ON NE COR. OF CURB INLET, 27' W. OF SE COR. OF LOT 21, BLOCK "C", MIES ADDITION.  
ELEV. = 1355.85 NAVD83

**BENEFIT DISTRICT**



September 10, 2024

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

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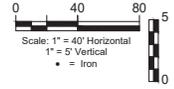
**BENCHMARKS:**  
 CROSSED CORNER ON SE CORNER OF CURB  
 INLET, EAST SIDE OF 13TH ST N, 32'  
 NORTH OF THE NORTH R/W LINE OF  
 RIDGEPOINT ST.  
 ELEV. = 1356.64 NAVD83  
 SQUARE CUT ON NE COR. OF CURB INLET,  
 2' W. OF SE COR. OF LOT 21, BLOCK 1,  
 MIES ADDITION.  
 ELEV. = 1355.95 NAVD83

Sta. 0+00, Begin Line 1  
 Connect to Existing 8" Stub &  
 Extend 8" Pipe (E)  
 Contractor to verify depth and  
 location prior to construction.  
 Top Elev. = 1352.70

Sta. 3+20, Line 1 =  
 Sta. 0+00, Line 1A  
 Const. Std. Manhole  
 1-4" Stub w/Riser  
 (NE)  
 Top Elev. = 1349.00

Sta. 3+86, End Line 1  
 Const. Std. Manhole  
 1-4" Stub w/Riser  
 (NE)  
 Top Elev. = 1348.20

Sta. 0+00, Begin Line 1A  
 = Sta. 3+20, Line 1  
 Top Elev. = 1349.00

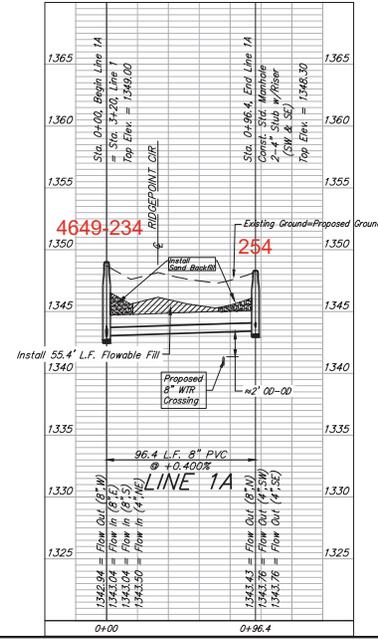
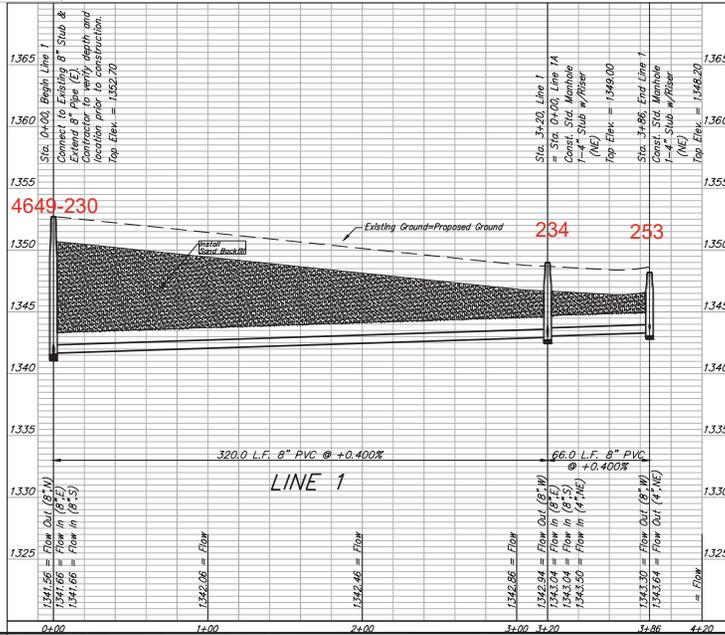


The Contractor shall be required to backfill  
 trench with sand from Sta. 0+00 to  
 Sta. 3+86.0, Line 1 & Sta. 0+00 to  
 Sta. 0+96.4, Line 1A excluding locations  
 where Flowable Fill is called out. To be bid  
 as "L.F. Fill, Sand, Flushed & Vibrated"

SEWER SERVICE TABLE

NUMBER	TYPE	LOT NO.	BLOCK NO.	LINE NO.	STATION/ DIRECTION	FOR INFORMATION ONLY		DISTANCE FROM MAIN TO RISER (FT)	DISTANCE FROM	
						APPROX. LENGTH 4" PIPE VERTICAL	HORIZONTAL		DOWNSIDE MH	UPSTREAM MH
1	8" x 4" Tee	95	A	1	0+43.00/L	5.4	6.6	7' LL	63'	257'
2	8" x 4" Tee	94	A	1	0+23.00/L	5.1	6.5	7' LL	72'	247'
3	8" x 4" Tee	93	A	1	1+20.00/L	4.0	6.1	8' LL	139'	181'
4	8" x 4" Tee	92	A	1	1+20.00/L	2.9	5.8	6' LL	139'	131'
5	8" x 4" Tee	91	A	1	2+45.00/L	1.9	5.8	5' LL	255'	50'
6	4" Stub	90	A	1	3+20.00/L	1.1	11.2	11' LL	@ mh	@ mh
7	4" Stub	89	A	1A	3+86.00/L	0.9	8.0	8' LL	@ mh	@ mh
8	4" Stub	88	A	1A	1+52.40/L	0.9	4.4	4' LL	@ mh	@ mh
9	4" Stub	88	A	1A	0+96.40/L	0.5	8.5	8' LL	@ mh	@ mh

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



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

MIES 2ND ADDITION  
 PHASE 2

**LINE 1 & LINE 1A**

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:  
 468-2023-025365

DESIGN: CDW DRAWN: AJV

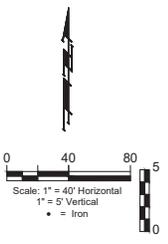
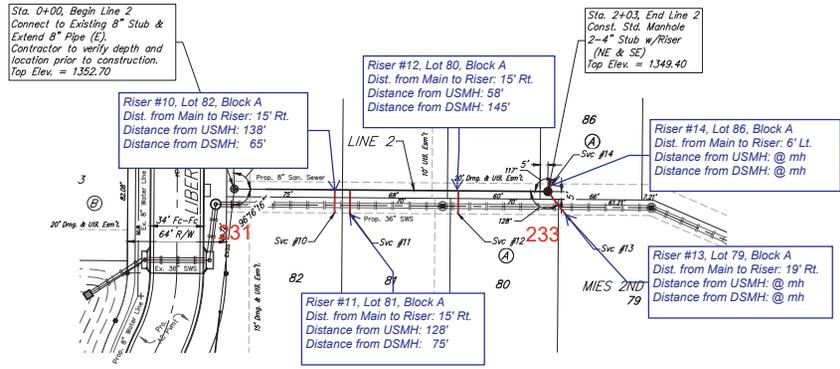
DATE: Sep. 10, 2024

SHEET OF  
**2 17**

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**BENCHMARKS:**  
 CROSSED CROSS ON SE CORNER OF CURB  
 INLET, EAST SIDE OF 135TH ST N, 35'  
 NORTH OF THE NORTH R/W LINE OF  
 RIDGEPOINT ST.  
 ELEV. = 1356.64 NAVD83

SQUARE OUT ON NE COR. OF CURB INLET,  
 2' W. OF SE COR. OF LOT 21, BLOCK "C",  
 MIES ADDITION.  
 ELEV. = 1355.95 NAVD83

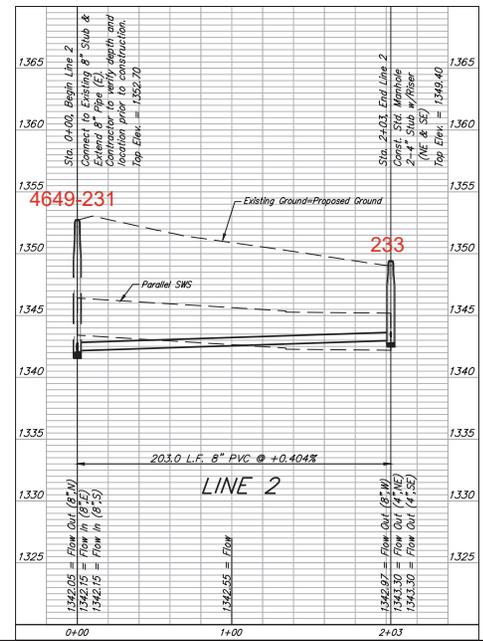


SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO. / DIRECTION	STATION / APPROX. LENGTH 4" PIPE	VERTICAL / HORIZONTAL
10	8" x 4" Tee	82	A	2	0+65.00 RT. 3.8	15.0
11	8" x 4" Tee	81	A	2	0+75.00 RT. 3.5	15.0
12	8" x 4" Tee	80	A	2	1+45.00 RT. 2.0	15.0
13	4" Sub	79	A	2	2+05.00 RT. 1.0	19.1
14	4" Sub	86	A	2	2+03.00 LL. 1.8	8.6

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

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**  
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MIES 2ND ADDITION  
 PHASE 2

**LINE 2**

SANITARY SEWER  
 IMPROVEMENTS

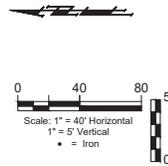
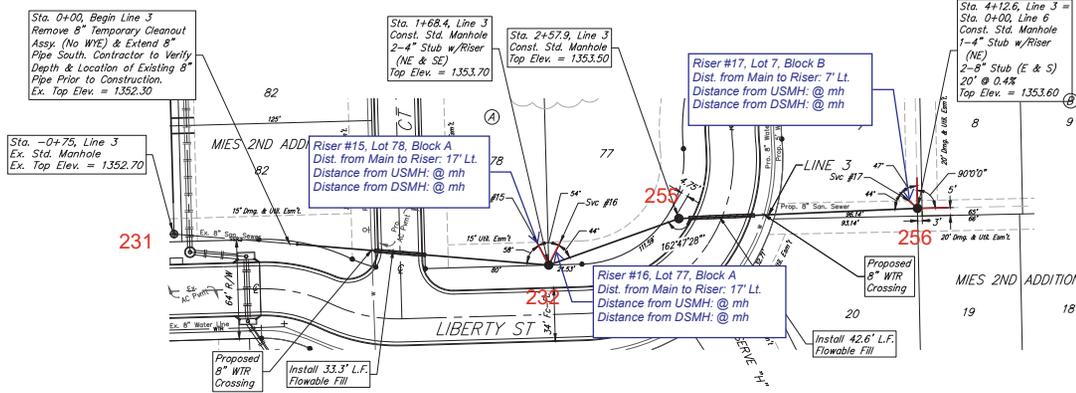
PROJECT NUMBER:  
 468-2023-025365

DESIGN: CDW DRAWN: AJV  
 DATE: Sep. 10, 2024

SHEET **3** OF **17**

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BENCHMARKS:  
 CROSSED CROSS ON SE CORNER OF CURB  
 INLET, EAST SIDE OF 135TH ST N, 33'  
 NORTH OF THE NORTH R/W LINE OF  
 RIDGEPOINT ST.  
 ELEV. = 1356.64 NAVD88  
 SQUARE CUT ON NE COR. OF CURB INLET,  
 2' W. OF SE COR. OF LOT 21, BLOCK "C",  
 MIES ADDITION.  
 ELEV. = 1355.95 NAVD88



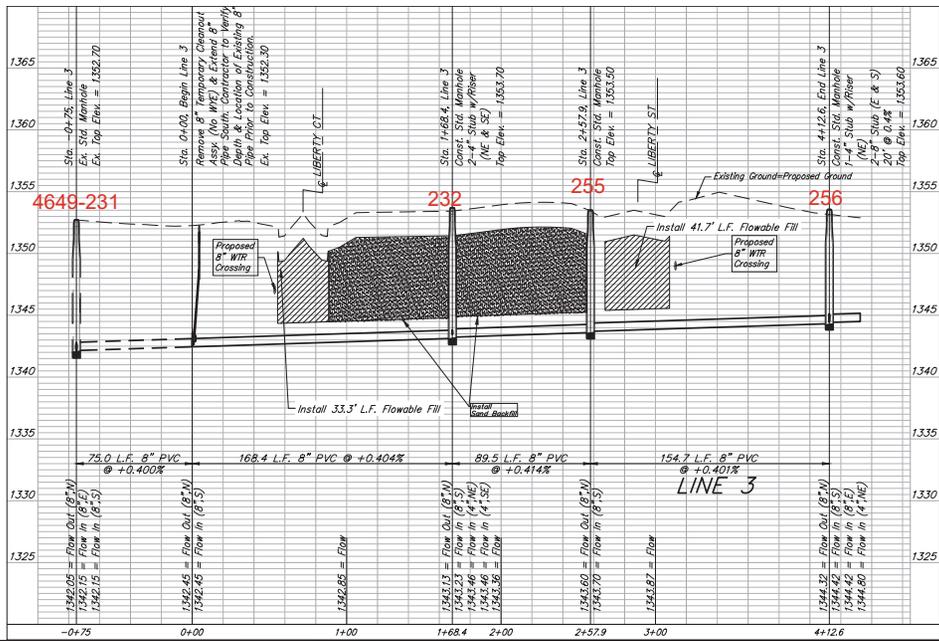
The Contractor shall be required to backfill trench with sand from Sta. 0+88.4 to Sta. 2+57.9, Line 3. To be bid as "L.F. Fill, Sand, Flushed & Vibrated"

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	LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	FOR INFORMATION ONLY	
						APPROX. LENGTH (L.F.)	DIAMETER (IN)
15	4" Stub	78	A	3	1+59.80/L	8.1	16.6
16	4" Stub	77	A	3	1+58.60/L	8.4	17.1
17	4" Stub	7	B	3	4+12.60/L	8.5	7.3

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



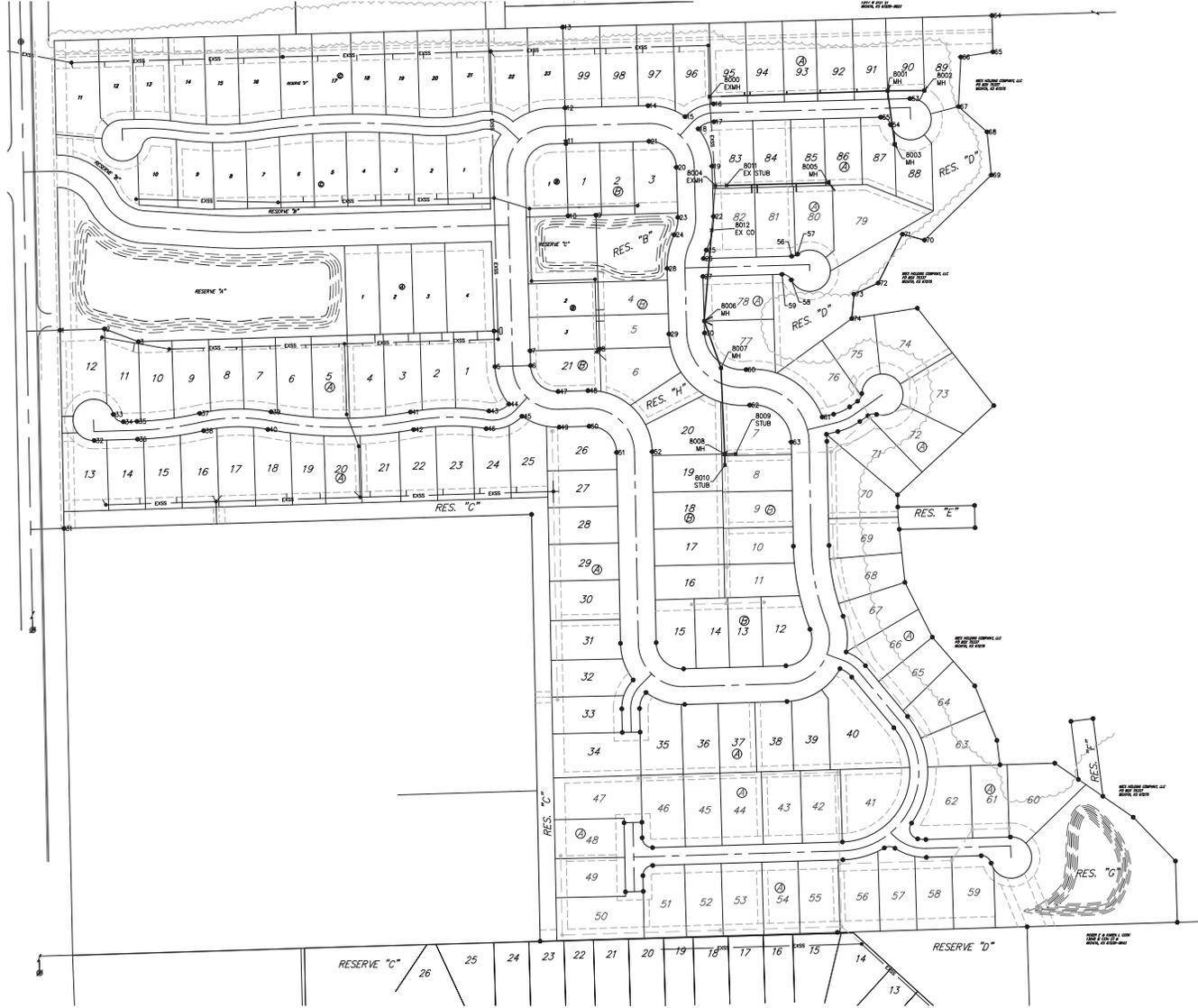
**BAUGHMAN COMPANY**  
 315 Ellis St.  
 Wichita, KS 67211  
 316-262-7271  
 BaughmanCo.com

MIES 2ND ADDITION  
 PHASE 2  
**LINE 3**

SANITARY SEWER IMPROVEMENTS  
 PROJECT NUMBER:  
 468-2023-025365  
 DESIGN: CDW DRAWN: AJV  
 DATE: Sep. 10, 2024  
 SHEET OF  
**4 17**

Fig. E: Project/Mies 2nd Addition\_Engineering/Phase 2/S 24-02-ES10.dwg

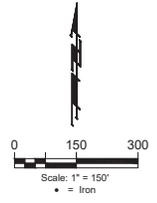
BENCHMARKS:  
 CROSSED CROSS ON SE CORNER OF CURB  
 INLET, EAST SIDE OF 135TH ST N, 33'  
 NORTH OF THE NORTH R/W LINE OF  
 RIDGEPOINT ST.  
 ELEV. = 1556.64 NAVD83  
 SQUARE CUT ON NE COR. OF CURB INLET,  
 2' W. OF SE COR. OF LOT 24, BLOCK "C",  
 MIES ADDITION.  
 ELEV. = 1555.95 NAVD83



IRONS			
Point #	Northing	Eastng	Description
1	1,695,047.74	1,601,963.34	IRON
2	1,695,050.17	1,602,043.28	IRON
3	1,695,057.32	1,602,103.99	IRON
4	1,695,066.39	1,602,142.64	IRON
5	1,694,982.47	1,602,144.47	IRON
6	1,694,904.39	1,602,208.44	IRON
7	1,695,058.87	1,602,207.68	IRON
8	1,695,014.24	1,602,332.64	IRON
9	1,695,054.14	1,602,325.77	IRON
10	1,695,052.80	1,602,375.79	IRON
11	1,695,087.74	1,602,371.83	IRON
12	1,695,146.72	1,602,370.24	IRON
13	1,695,091.66	1,602,366.59	IRON
14	1,695,450.71	1,601,919.17	IRON
15	1,695,433.90	1,601,986.08	IRON
16	1,695,413.80	1,601,136.94	IRON
17	1,695,431.97	1,601,137.80	IRON
18	1,695,409.17	1,601,109.54	IRON
19	1,695,341.98	1,601,134.34	IRON
20	1,695,340.15	1,601,070.37	IRON
21	1,695,336.76	1,601,027.10	IRON
22	1,695,293.11	1,601,136.92	IRON
23	1,695,292.29	1,601,072.94	IRON
24	1,695,219.07	1,601,266.35	IRON
25	1,695,191.53	1,601,124.12	IRON
26	1,695,176.32	1,601,118.97	IRON
27	1,695,144.28	1,601,117.99	IRON
28	1,695,158.50	1,601,053.96	IRON
29	1,695,040.96	1,601,056.93	IRON
30	1,695,042.79	1,601,120.90	IRON
31	1,694,932.18	1,601,970.51	IRON
32	1,694,849.87	1,602,024.70	IRON
33	1,694,896.67	1,602,029.27	IRON
34	1,694,881.45	1,602,077.17	IRON
35	1,694,894.18	1,602,101.61	IRON
36	1,694,852.19	1,602,102.57	IRON
37	1,694,898.58	1,602,214.20	IRON
38	1,694,867.38	1,602,221.31	IRON
39	1,694,901.14	1,602,342.55	IRON
40	1,694,869.69	1,602,336.68	IRON
41	1,694,900.96	1,602,592.66	IRON
42	1,694,869.50	1,602,598.49	IRON
43	1,694,902.76	1,602,733.77	IRON
44	1,694,915.15	1,602,769.48	IRON
45	1,694,893.44	1,602,793.00	IRON
46	1,694,871.16	1,602,728.74	IRON
47	1,694,837.77	1,602,857.85	IRON
48	1,694,839.38	1,602,911.59	IRON
49	1,694,873.80	1,602,859.76	IRON
50	1,694,875.41	1,602,913.50	IRON

IRONS			
Point #	Northing	Eastng	Description
51	1,694,828.40	1,602,962.92	IRON
52	1,694,829.69	1,603,026.91	IRON
53	1,695,463.41	1,603,469.81	IRON
54	1,695,416.71	1,603,455.17	IRON
55	1,695,429.98	1,603,437.25	IRON
56	1,695,180.59	1,603,277.42	IRON
57	1,695,184.14	1,603,287.68	IRON
58	1,695,138.08	1,603,278.58	IRON
59	1,695,148.10	1,603,259.96	IRON
60	1,694,977.07	1,603,195.99	IRON
61	1,694,992.12	1,603,332.19	IRON
62	1,694,913.38	1,603,320.91	IRON
63	1,694,947.38	1,603,276.47	IRON
64	1,695,612.43	1,603,637.05	IRON
65	1,695,547.27	1,603,638.80	IRON
66	1,695,537.94	1,603,581.16	IRON
67	1,695,449.10	1,603,576.93	IRON
68	1,695,402.85	1,603,628.23	IRON
69	1,695,326.31	1,603,636.00	IRON
70	1,695,209.52	1,603,515.83	IRON
71	1,695,220.02	1,603,476.43	IRON
72	1,695,123.42	1,603,432.73	IRON
73	1,695,112.55	1,603,398.30	IRON
74	1,695,068.72	1,603,385.38	IRON

SS POINTS			
Point #	Northing	Eastng	Description
8000	1,695,466.71	1,603,028.77	EXH
8001	1,695,477.33	1,603,539.61	MH
8002	1,695,477.74	1,603,440.46	MH
8003	1,695,381.77	1,603,140.35	EXH
8004	1,695,306.94	1,603,140.35	EXH
8005	1,695,312.44	1,603,243.08	MH
8006	1,695,284.31	1,603,100.29	MH
8007	1,694,985.07	1,603,100.39	MH
8008	1,694,825.53	1,603,157.02	MH
8009	1,694,825.53	1,603,157.02	MH
8010	1,694,825.53	1,603,157.02	MH
8011	1,695,307.46	1,603,160.34	EX STUB
8012	1,695,227.18	1,603,133.75	EX CD



BAUGHMAN  
 COMPANY

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

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MIES 2ND ADDITION  
 PHASE 2

---

COORDINATE  
 SHEET

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SANITARY SEWER  
 IMPROVEMENTS

PROJECT NUMBER:  
 468-2023-025365

DESIGN: CDW DRAWN: AJV

DATE: Sep. 10, 2024

SHEET      OF  
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