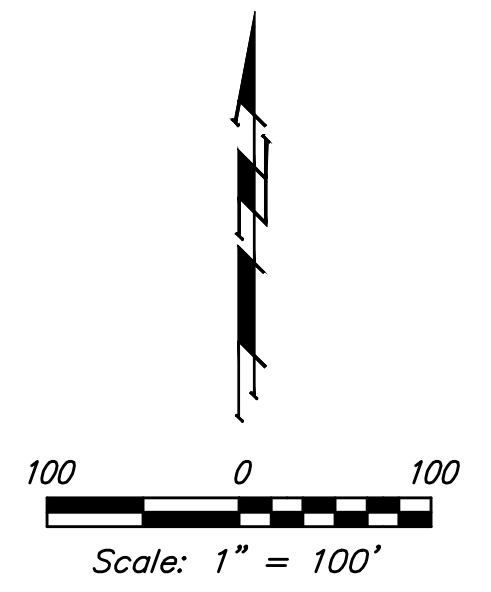


BENCHMARKS:
 BM #1: "□" Cut on top of SE Cor. of utility pad, adjacent to the SW Cor. Lot 40, Block A, Northgate Addition.
 Elev. = 1340.12 NGVD29

BM #2: "□" Cut on top of NE Cor. of water vault, 437± E. & 54± N. of S1/4 Cor., Sec. 13, TWP 26-S, R-1-W.
 Elev. = 1334.81 NGVD29

BM #3: "□" Cut on top of curb, adjacent to the SW Cor. Lot 17, Block D, Northgate Addition.
 Elev. = 1338.47 NGVD29



IRONS			IRONS			IRONS			IRONS						
Point #	Northing	Easting	Description	Point #	Northing	Easting	Description	Point #	Northing	Easting	Description	Point #	Northing	Easting	Description
1	8045.07	4940.01	iron	56	6904.15	4339.75	iron	111	8192.54	2869.38	iron	166	7765.27	3766.42	iron
2	7945.07	4940.01	iron	57	6985.60	4940.00	iron	57	6985.60	4940.00	iron	112	8250.61	2592.12	iron
3	7945.08	4659.42	iron	58	6894.59	4940.00	iron	58	6894.59	4940.00	iron	113	8192.61	2592.11	iron
4	8045.08	4620.10	iron	59	7945.08	4749.01	iron	59	7945.08	4749.01	iron	114	7898.24	2870.38	iron
5	8063.22	4573.86	iron	60	7945.08	4691.01	iron	60	7945.08	4691.01	iron	115	7841.66	2883.14	iron
6	7980.29	4569.67	iron	61	7881.52	4691.01	iron	61	7881.52	4691.01	iron	116	7838.16	2867.63	iron
7	8279.95	4246.50	iron	62	7881.51	4749.01	iron	62	7881.51	4749.01	iron	117	7894.74	2854.86	iron
8	8326.88	4290.02	iron	63	8086.80	4454.80	iron	63	8086.80	4454.80	iron	118	7890.55	2817.19	iron
9	8384.37	4040.70	iron	64	8126.24	4412.27	iron	64	8126.24	4412.27	iron	119	7832.55	2817.17	iron
10	8409.34	3893.05	iron	65	8091.53	4380.08	iron	65	8091.53	4380.08	iron	120	7832.61	2592.01	iron
11	8357.60	3855.38	iron	66	8052.09	4422.61	iron	66	8052.09	4422.61	iron	121	7890.61	2592.02	iron
12	8365.00	3845.22	iron	67	8017.41	4409.01	iron	67	8017.41	4409.01	iron	122	7512.56	3011.20	iron
13	8416.73	3882.90	iron	68	8017.42	4351.01	iron	68	8017.42	4351.01	iron	123	7454.56	3010.34	iron
14	8398.26	3759.49	iron	69	7887.07	4351.01	iron	69	7887.07	4351.01	iron	124	7455.45	2950.66	iron
15	8334.27	3758.50	iron	70	7887.07	4409.01	iron	70	7887.07	4409.01	iron	125	7513.44	2951.52	iron
16	8400.22	3632.77	iron	71	8301.89	4316.96	iron	71	8301.89	4316.96	iron	126	7511.61	3075.19	iron
17	8336.23	3631.78	iron	72	8262.46	4359.49	iron	72	8262.46	4359.49	iron	127	7453.62	3074.33	iron
18	8399.21	3476.41	iron	73	8277.54	4373.48	iron	73	8277.54	4373.48	iron	128	7452.41	3155.80	iron
19	8445.83	3520.26	iron	74	8316.97	4330.95	iron	74	8316.97	4330.95	iron	129	7510.40	3156.66	iron
20	8665.02	3287.22	iron	75	8368.09	4351.00	iron	75	8368.09	4351.00	iron	130	7154.23	2592.42	iron
21	8618.40	3243.37	iron	76	8368.09	4409.00	iron	76	8368.09	4409.00	iron	131	7118.58	2546.67	iron
22	8664.01	3130.87	iron	77	8426.09	4409.00	iron	77	8426.09	4409.00	iron	132	7223.24	2510.89	iron
23	8728.00	3131.86	iron	78	8617.04	4409.01	iron	78	8617.04	4409.01	iron	133	7223.06	2568.89	iron
24	8729.99	3003.53	iron	79	8617.04	4351.01	iron	79	8617.04	4351.01	iron	134	7450.81	2569.60	iron
25	8665.99	3002.54	iron	80	8426.08	4620.02	iron	80	8426.08	4620.02	iron	135	7450.99	2511.60	iron
26	8598.02	2933.49	iron	81	8368.08	4620.02	iron	81	8368.08	4620.02	iron	136	6825.57	2542.27	iron
27	7920.65	2933.30	iron	82	8497.08	4691.02	iron	82	8497.08	4691.02	iron	137	6791.75	2589.39	iron
28	7797.76	2986.70	iron	83	8497.08	4749.02	iron	83	8497.08	4749.02	iron	138	6723.56	2567.33	iron
29	7750.96	2943.05	iron	84	8612.40	4749.03	iron	84	8612.40	4749.03	iron	139	6723.74	2509.33	iron
30	7587.37	3076.32	iron	85	8612.40	4691.03	iron	85	8612.40	4691.03	iron	140	6711.30	2509.29	iron
31	7588.32	3012.32	iron	86	8464.21	3892.52	iron	86	8464.21	3892.52	iron	141	6711.12	2567.29	iron
32	7257.34	3007.42	iron	87	8465.20	3828.53	iron	87	8465.20	3828.53	iron	142	6777.92	2865.82	iron
33	7170.64	2919.40	iron	88	8605.18	3830.70	iron	88	8605.18	3830.70	iron	143	6777.07	2923.81	iron
34	7170.71	2661.30	iron	89	8604.19	3894.69	iron	89	8604.19	3894.69	iron	144	6705.52	2922.75	iron
35	7106.64	2919.39	iron	90	8651.45	3943.42	iron	90	8651.45	3943.42	iron	145	6706.38	2864.76	iron
36	7170.64	2919.40	iron	91	8715.44	3944.41	iron	91	8715.44	3944.41	iron	146	6772.74	3215.80	iron
37	7170.71	2661.30	iron	92	8714.72	3990.53	iron	92	8714.72	3990.53	iron	147	6776.93	3273.87	iron
38	7106.71	2661.28	iron	93	8650.95	3975.67	iron	93	8650.95	3975.67	iron	148	6700.34	3272.74	iron
39	7018.99	2573.25	iron	94	8468.96	3495.67	iron	94	8468.96	3495.67	iron	149	6701.20	3214.74	iron
40	7019.19	2509.25	iron	95	8508.70	3453.42	iron	95	8508.70	3453.42	iron	150	6826.39	3760.69	iron
41	6913.68	2508.92	iron	96	8523.21	3467.07	iron	96	8523.21	3467.07	iron	151	6825.53	3818.69	iron
42	6913.48	2572.92	iron	97	8483.47	3509.32	iron	97	8483.47	3509.32	iron	152	6702.66	3818.59	iron
43	6845.28	2639.92	iron	98	8556.46	3538.91	iron	98	8556.46	3538.91	iron	153	6702.70	3760.59	iron
44	6781.28	2638.97	iron	99	8557.36	3480.91	iron	99	8557.36	3480.91	iron	154	6921.14	4120.76	iron
45	6836.45	3235.90	iron	100	8621.85	3481.91	iron	100	8621.85	3481.91	iron	155	6906.72	4178.75	iron
46	6860.23	3297.37	iron	101	8620.95	3539.90	iron	101	8620.95	3539.90	iron	156	6697.32	4178.59	iron
47	6813.53	3341.14	iron	102	8605.54	2869.71	iron	102	8605.54	2869.71	iron	157	6697.37	4120.59	iron
48	6831.90	3388.64	iron	103	8541.54	2869.48	iron	103	8541.54	2869.48	iron	158	6985.20	4117.81	iron
49	6885.90	3389.59	iron	104	8605.62	2580.49	iron	104	8605.62	2580.49	iron	159	6997.68	4181.82	iron
50	6889.11	3848.05	iron	105	8605.63	2522.49	iron	105	8605.63	2522.49	iron	160	7009.06	4181.83	iron
51	6825.11	3847.10	iron	106	8626.24	2522.50	iron	106	8626.24	2522.50	iron	161	7009.11	4117.83	iron
52	6879.39	3999.31	iron	107	8626.23	2580.50	iron	107	8626.23	2580.50	iron	162	7401.10	3851.36	iron
53	6928.34	3958.08	iron	108	8605.68	2361.53	iron	108	8605.68	2361.53	iron	163	7354.68	3807.29	iron
54	6921.20	4116.79	iron	109	8541.68	2361.51	iron	109	8541.68	2361.51	iron	164	7450.52	3766.17	iron
55	6995.16	4339.82	iron	110	8250.54	2869.39	iron	110	8250.54	2869.39	iron	165	7450.47	3830.17	iron

WATER LINE POINTS			
Point #	Northing	Easting	Description
6001	8342.23	3631.87	0+00
6002	8344.42	3611.99	PC
6003	8404.31	3481.21	PT
6004	8431.55	3452.24	TEE
6005	8623.23	3248.17	PC
6006	8671.01	3130.97	PT
6007	8671.53	3097.43	VLV
6008	8671.84	3077.44	FH
6009	8476.71	3494.72	FH
6010	8500.27	3516.88	BEND
6011	8539.14	3532.64	BEND
6012	8628.59	3534.02	BEND
6013	8645.06	3551.00	BEND
6014	8677.96	3551.51	BEND
6015	8701.59	3528.61	BEND
6016	8702.10	3495.70	BEND
6017	8679.19	3472.07	BEND
6018	8658.49	3471.75	BO



Baughman Northgate Addition - Phase 2A
COORDINATES
 Water Distribution System

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 448-90243	DESIGN DMV	DRAWN JAK
REVISIONS:	APPROVED	DATE 8/20/18
	SCALE Noted	SHEET 12 OF 13

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