

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 1-888-482-4950
 Westar 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 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.
- 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.
- 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 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.
- 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 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 Paul Kelsey
 716 N. 119th St. #112, Wichita, KS 67212
 PH# (316)722-1077 email paul.kelsey@gmail.com

6245D
 Basin 4MC-SC

SANITARY SEWER IMPROVEMENTS

to serve

WILLOW CREEK EAST 3RD ADDITION - PHASE II

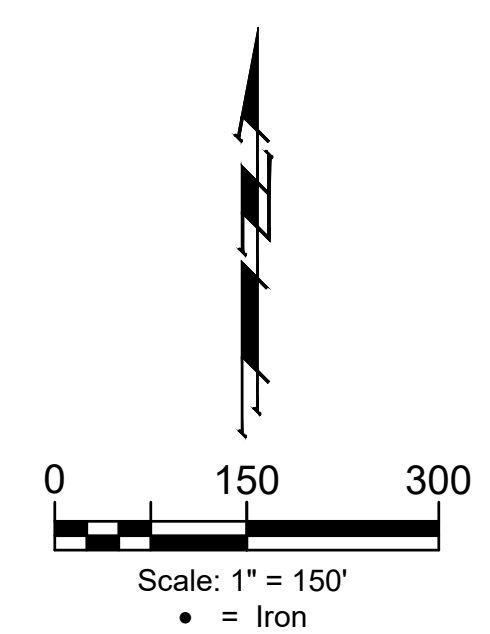
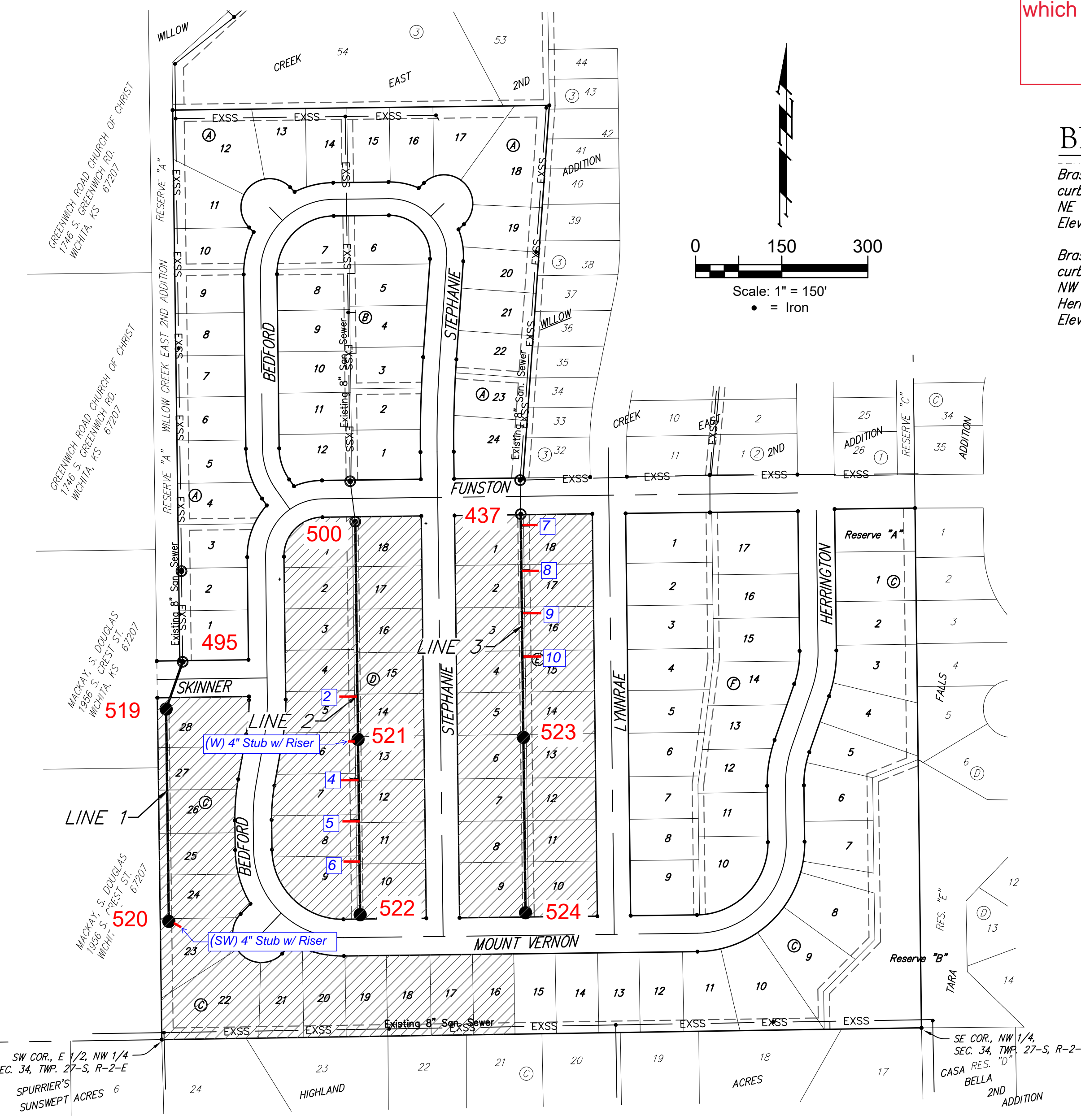
CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer
 Project Number 468-85402
 47259019 E9125
 WO 2021-012226

Contractor - McCullough
 Foreman - Terry Steponochek
 Inspector - Roger Skilling
 Engineer - Kevin Yale

Project built to plan except for Riser vertical elevations on line 3 which were adjusted to work with planned grade.

McCullough Excavation - Contractor
 K. Yale - City of Wichita, Field Project Engineer
 R. Skilling - City of Wichita, Inspector
 As-built
 Stubs & Risers
 Release Date (for connection purposes only): 7/23/2021
 Completion Date:
 pdf: apr 7/28/2021



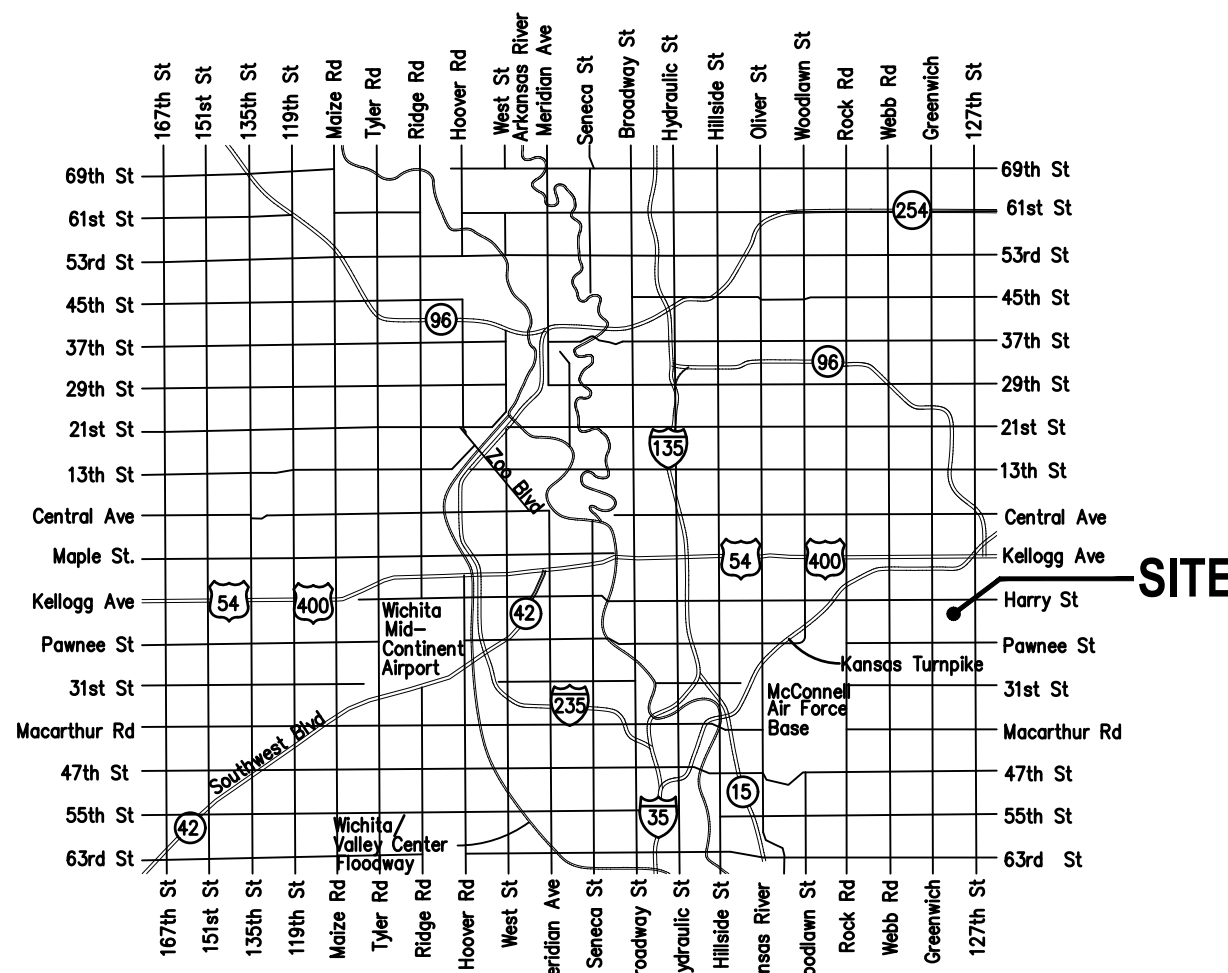
BENCHMARKS

Brass benchmark disc in top of curb, east of wheelchair ramp NE cor. of Funston and Lynnrae Elev. = 1343.69 NAVD88

Brass benchmark disc in top of curb, north of wheelchair ramp NW cor. of Funston and Herrington Elev. = 1344.71 NAVD88

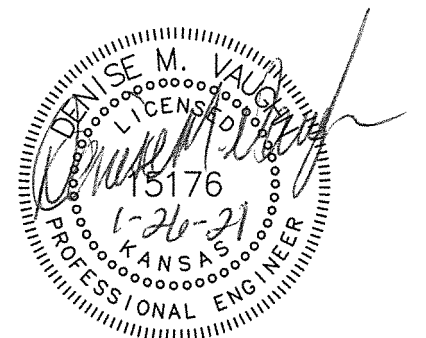
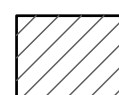
SHEET INDEX

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VICINITY MAP

BENEFIT DISTRICT



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

BENCHMARKS:
 Brass benchmark disc in top of curb, east of wheelchair ramp NE cor. of Funston and Lynnrae Elev. = 1343.69 NAVD88

Brass benchmark disc in top of curb, north of wheelchair ramp NW cor. of Funston and Herrington Elev. = 1344.71 NAVD88

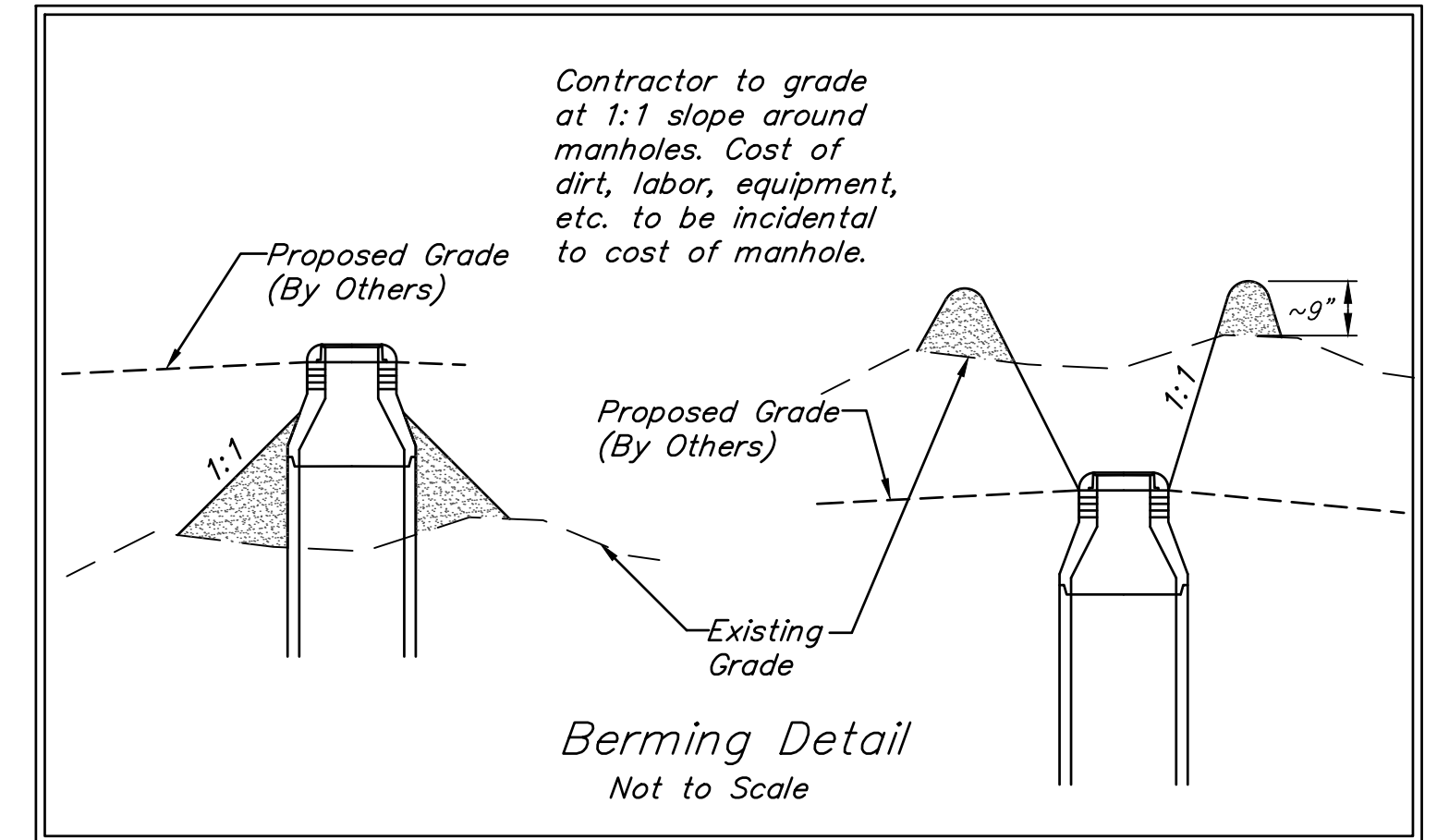
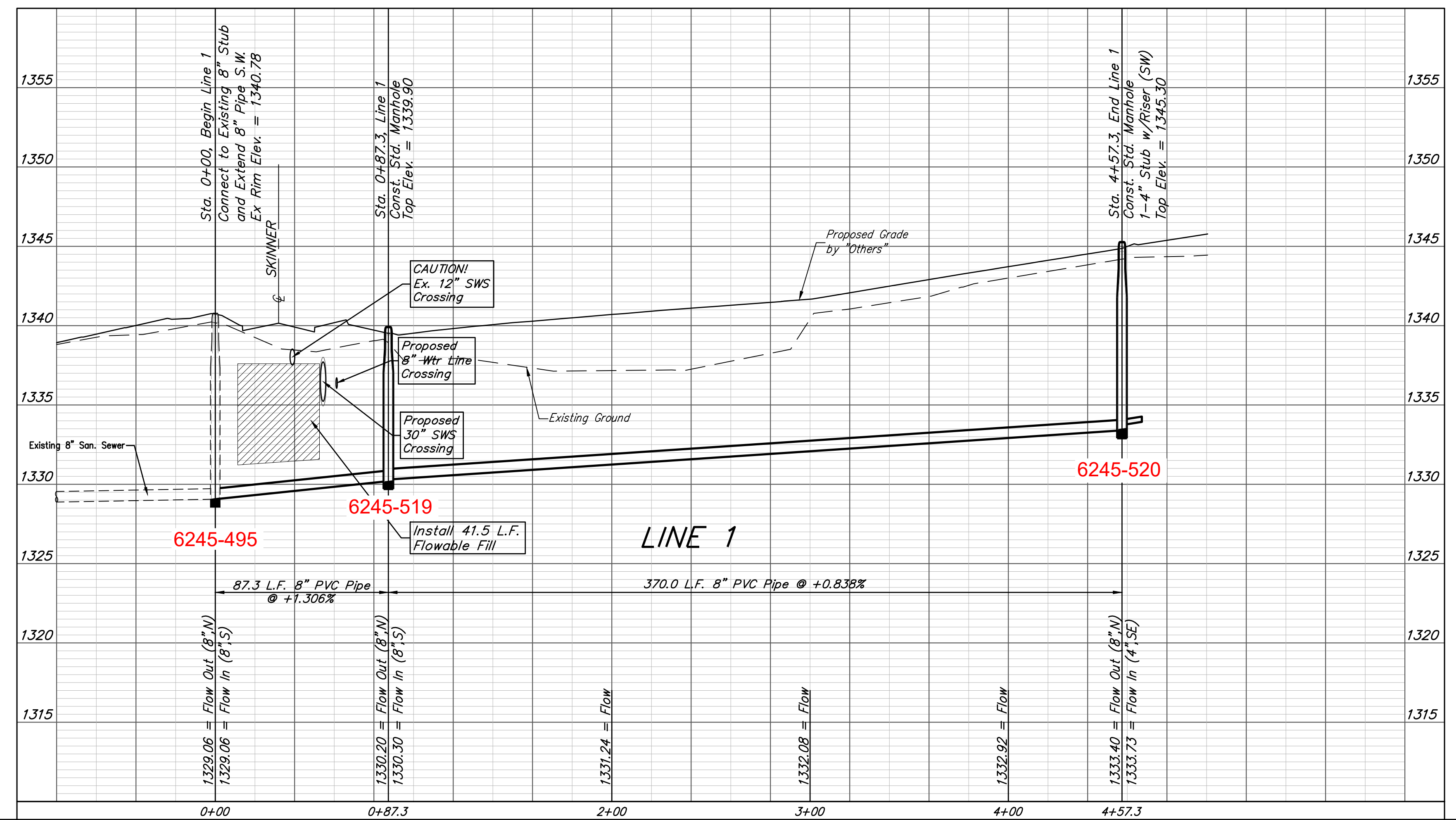
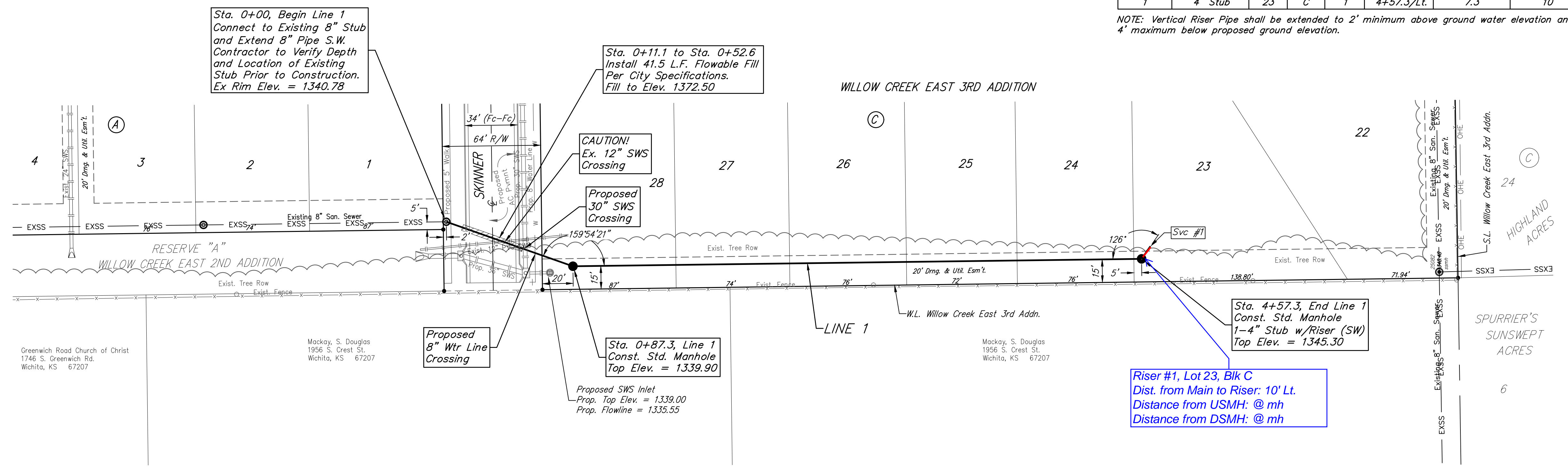
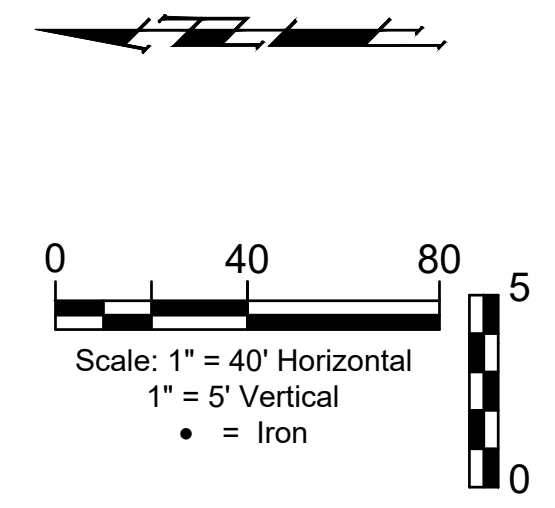
Existing trees which are in direct conflict with proposed new construction shall be removed or chainsaw trimmed by the Contractor. Trees not in direct conflict with proposed new construction shall remain and be protected from damage. Cost to be included in bid item, "Site Clearing".

**Line 1
 Built to plan**

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
1	4" Stub	23	C	1	4+57.3/Lt.	VERTICAL	HORIZONTAL
						7.3'	10'

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



Contractor to grade at 1:1 slope around manholes. Cost of dirt, labor, equipment, etc. to be incidental to cost of manhole.

Baughman Willow Creek East 3rd Addition - Phase II
LINE 1
 Sanitary Sewer Improvements

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: 468-85402
 DESIGN: DMV
 DRAWN: JAK
 APPROVED: [Signature]
 DATE: 10/22/2020
 SCALE: Noted
 SHEET: 2 OF 15

REVISIONS:



BENCHMARKS:
 Brass benchmark disc in top of curb, east of wheelchair ramp NE cor. of Funston and Lynnrae Elev. = 1343.69 NAVD88

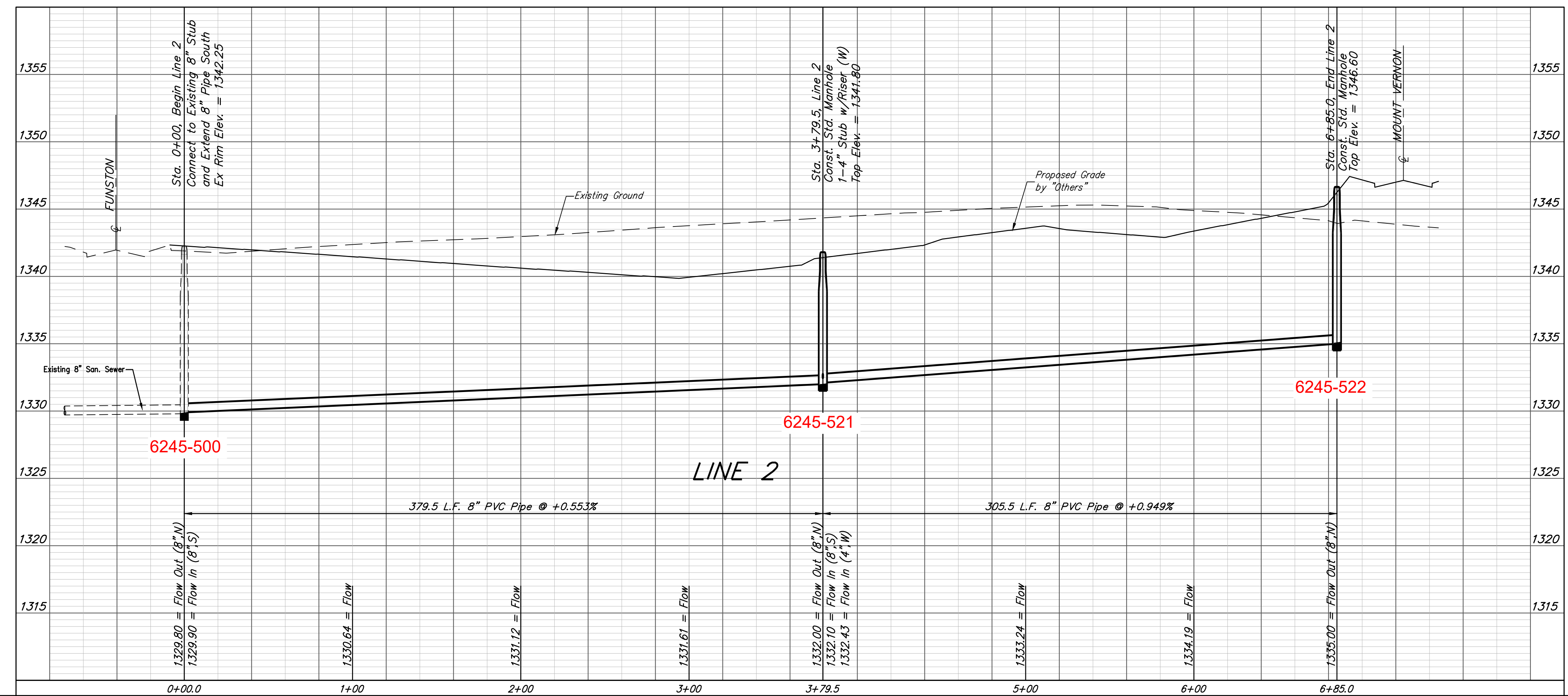
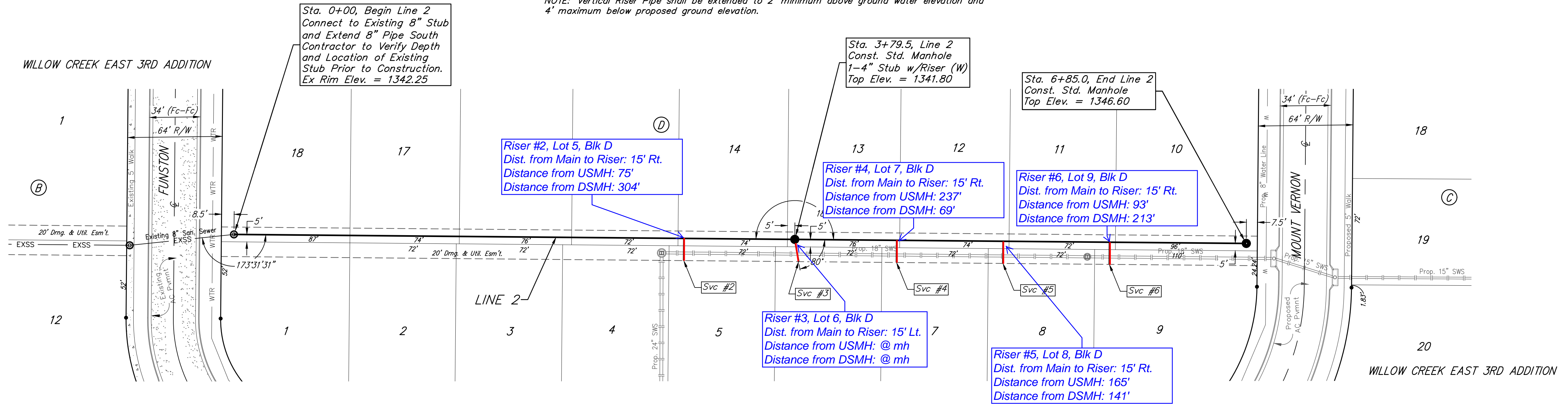
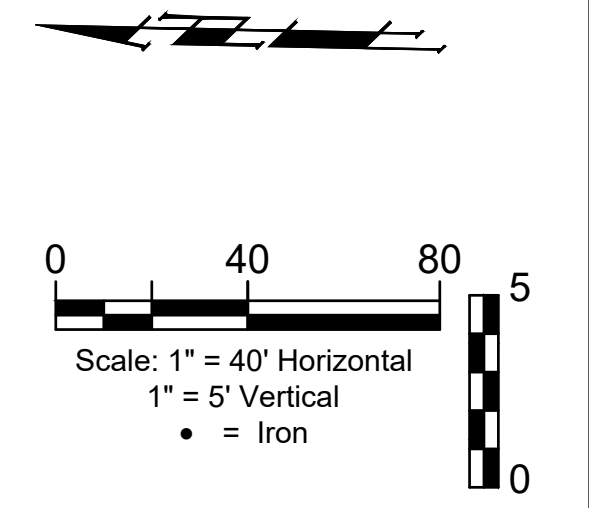
Brass benchmark disc in top of curb, north of wheelchair ramp NW cor. of Funston and Herrington Elev. = 1344.71 NAVD88

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE VERTICAL	HORIZONTAL
2	8" X 4" Tee	5	D	2	3+04.5/Rt.	3.9'	15'
3	4" Stub	6	D	2	3+79.5/Rt.	5.1'	15'
4	8" X 4" Tee	7	D	2	4+48.5/Rt.	5.5'	15'
5	8" X 4" Tee	8	D	2	5+20.5/Rt.	5.7'	15'
6	8" X 4" Tee	9	D	2	5+92.5/Rt.	4.7'	15'

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

Line 2
 Built to plan



Baughman Willow Creek East 3rd Addition - Phase II
LINE 2
 Sanitary Sewer Improvements

PROJECT NUMBER: 468-
 DESIGN: DMV
 DRAWN: JAK
 APPROVED: [Signature]
 DATE: 10/22/2020
 SCALE: Noted
 SHEET: 3 OF 15

BENCHMARKS:
 Brass benchmark disc in top of curb, east of wheelchair ramp NE cor. of Funston and Lynnrae Elev. = 1343.69 NAVD88

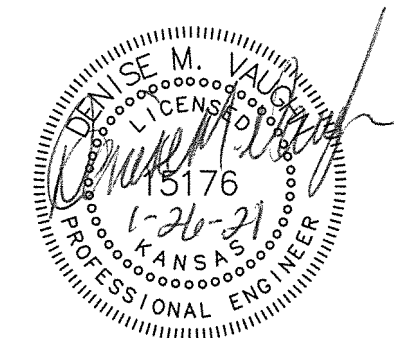
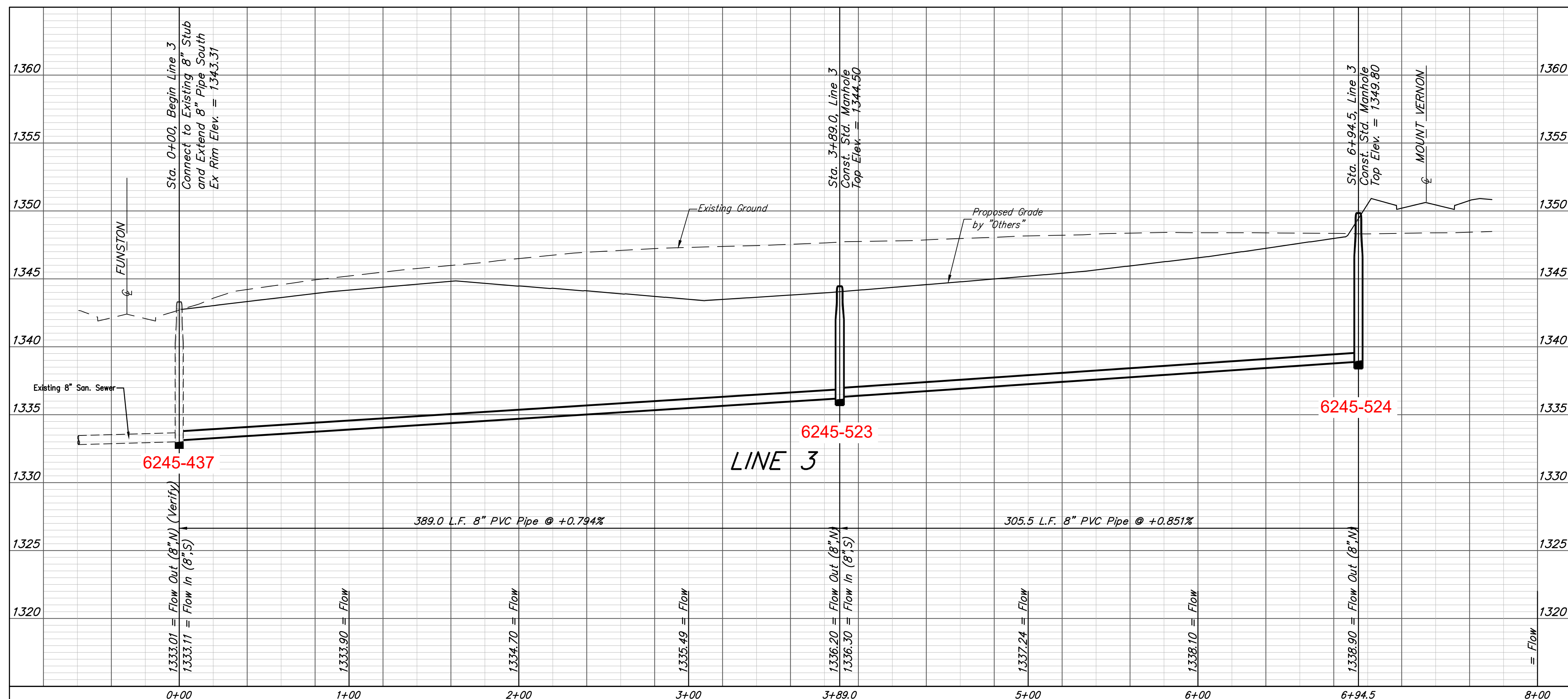
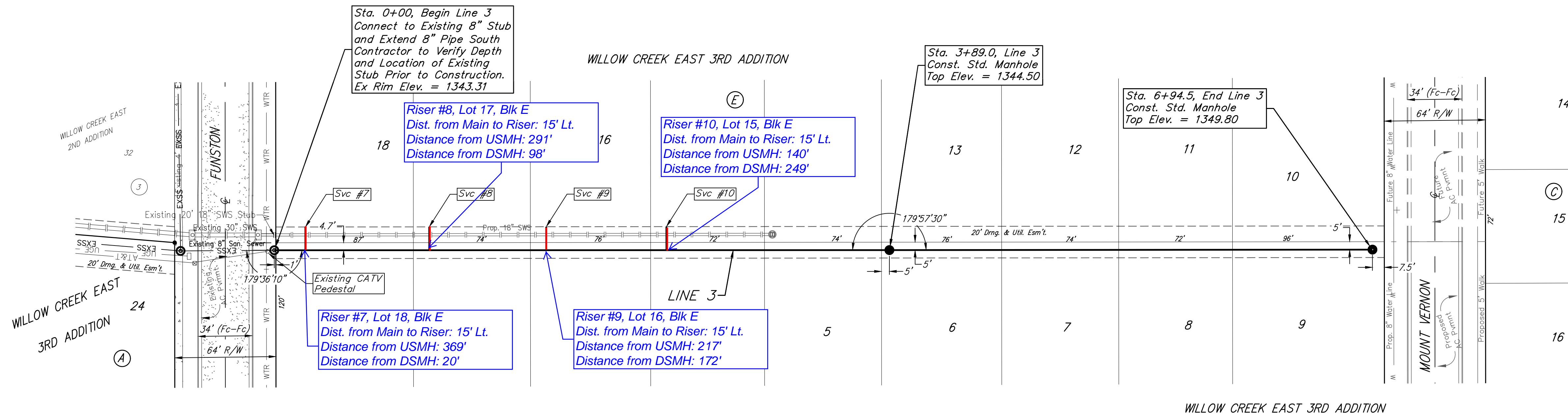
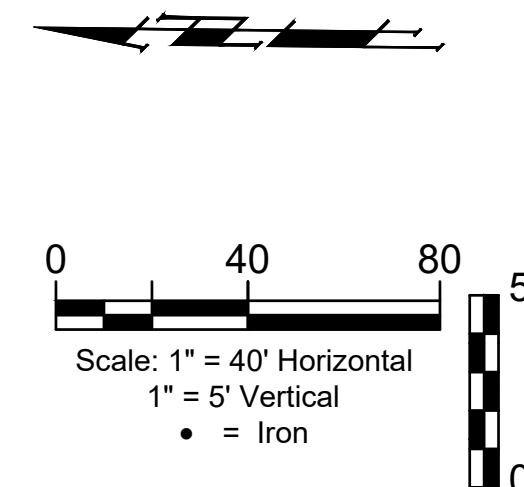
Brass benchmark disc in top of curb, north of wheelchair ramp NW cor. of Funston and Herrington Elev. = 1344.71 NAVD88

Line 3
 Built to plan with exception of vertical riser heights were adjusted to work with planned grade.

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
						VERTICAL	HORIZONTAL
7	8" X 4" Tee	18	E	3	0+19.7/Lt.	9.3'	14.7'
8	8" X 4" Tee	17	E	3	0+98.0/Lt.	10.4'	14.8'
9	8" X 4" Tee	16	E	3	1+72.0/Lt.	11.1'	14.8'
10	8" X 4" Tee	15	E	3	2+48.0/Lt.	11.6'	14.9'

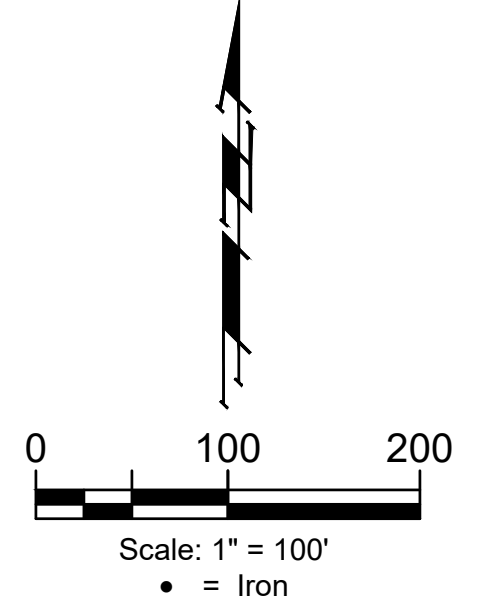
NOTE: Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.



		Willow Creek East 3rd Addition - Phase II	
		LINE 3	
Sanitary Sewer Improvements		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 468-85402	DESIGN DMV	DRAWN JAK	DATE 10/22/2020
REVISIONS:	APPROVED	SCALE Noted	SHEET 4 OF 15



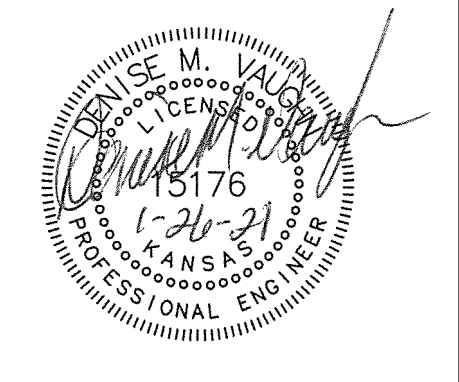
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CONTROL POINTS			
Point	Northing	Easting	Desc
1	1,678,375.07	1688991.94	mag
2	1,678,341.15	1686342.75	thm1-2ip
3	1,675,680.22	1686378.99	r5
4	1,676,725.30	1688210.46	Iron
5	1,676,724.57	1688152.47	Iron
6	1,676,886.11	1688215.06	Iron
7	1,675,721.72	1689025.23	mag
8	1,676,890.15	1688157.20	Iron
9	1,677,057.23	1688227.01	Iron
10	1,676,681.05	1688448.22	r-b4
11	1,676,679.54	1688331.22	arm4
12	1,676,749.74	1688336.25	r-b4
13	1,676,801.91	1688339.83	r-b4
14	1,677,031.99	1688356.15	r-b4
15	1,677,061.26	1688169.15	Iron
16	1,677,374.16	1688376.33	r-b4
17	1,676,557.50	1687690.91	brf
18	1,675,700.98	1687702.13	r-b5
19	1,677,112.56	1688218.70	Iron
20	1,677,121.62	1688228.14	Iron
21	1,677,193.72	1688158.84	Iron
22	1,677,184.66	1688149.41	Iron
23	1,677,137.20	1688097.46	Iron
24	1,677,195.19	1688096.74	Iron
25	1,677,136.00	1688001.32	Iron
26	1,677,194.00	1688000.60	Iron
27	1,677,178.03	1687933.33	Iron
28	1,677,185.97	1687925.54	Iron
29	1,677,108.01	1687861.93	Iron
30	1,678,358.11	1687667.34	calc
31	1,677,115.95	1687854.15	Iron
32	1,677,034.77	1687902.58	Iron
33	1,677,034.04	1687844.58	Iron
34	1,676,730.38	1687848.37	Iron
35	1,676,731.10	1687906.36	Iron
36	1,676,643.59	1687876.47	Iron
37	1,676,677.00	1687923.88	Iron
38	1,676,665.13	1687932.24	Iron
39	1,676,631.73	1687884.83	Iron
40	1,676,675.15	1687981.07	Iron
41	1,676,611.16	1687981.87	Iron
42	1,676,542.32	1687914.72	Iron
43	1,676,541.52	1687850.72	Iron
44	1,676,360.57	1687693.34	Iron
45	1,676,361.09	1687733.34	Iron
46	1,676,296.58	1687694.18	Iron
47	1,676,298.65	1687853.75	Iron
48	1,676,293.31	1687917.82	Iron
49	1,676,232.97	1687848.96	Iron

CONTROL POINTS			
Point	Northing	Easting	Desc
50	1,676,667.34	1688517.38	bm 1 navd88
51	1,676,691.36	1688823.88	bm 2 navd88
52	1,676,621.84	1688809.98	rb5
53	1,676,625.44	1688873.84	rb5
54	1,676,683.42	1688873.12	crossf
55	1,676,678.05	1688211.11	rb5
56	1,676,677.35	1688153.13	rb5
57	1,676,613.35	1688154.03	rb5
58	1,676,614.11	1688211.90	rb5
59	1,676,681.81	1688512.03	r4f
60	1,676,627.36	1689014.01	rb5
61	1,676,221.78	1687911.97	Iron
62	1,676,152.77	1687834.72	Iron
63	1,676,141.58	1687897.74	Iron
64	1,676,081.05	1687829.22	Iron
65	1,676,082.18	1687893.21	Iron
66	1,676,031.22	1687829.84	Iron
67	1,676,032.02	1687893.84	Iron
68	1,675,937.62	1687856.31	Iron
69	1,675,919.66	1687839.19	Iron
70	1,675,850.67	1687911.57	Iron
71	1,675,868.62	1687928.69	Iron
72	1,675,910.56	1688018.36	Iron
73	1,675,846.56	1688019.16	Iron
74	1,675,912.36	1688162.59	Iron
75	1,675,913.08	1688220.59	Iron
76	1,675,916.07	1688460.57	Iron
77	1,675,916.80	1688518.56	Iron
78	1,675,918.24	1688634.06	Iron
79	1,675,854.24	1688634.86	Iron
80	1,676,044.85	1688757.50	Iron
81	1,676,045.68	1688821.49	Iron
82	1,676,143.16	1688756.22	Iron
83	1,676,143.99	1688820.21	Iron
84	1,676,222.81	1688769.22	Iron
85	1,676,201.67	1688829.63	Iron
86	1,676,320.53	1688803.42	Iron
87	1,676,299.39	1688863.83	Iron
88	1,676,378.12	1688812.84	Iron
89	1,676,378.92	1688876.83	Iron
90	1,676,617.02	1688451.83	Iron
91	1,676,617.74	1688509.83	Iron
92	1,677,328.70	1688376.95	Iron
93	1,677,320.52	1687720.86	Iron
100	1,675,890.58	1688847.60	cpr
101	1,676,381.51	1688531.97	cpr
102	1,676,621.98	1688628.40	hub
105	1,676,674.28	1689046.74	n

SS POINTS			
Point	Northing	Easting	Desc
8001	1,676,359.16	1687738.37	ExMH
8002	1,676,276.77	1687709.44	MH
8003	1,675,906.81	1687714.24	MH
8004	1,676,603.37	1688038.97	ExMH
8005	1,676,223.90	1688043.70	MH
8006	1,675,918.42	1688047.51	MH
8007	1,676,616.48	1688327.11	ExMH
8008	1,676,227.49	1688331.68	MH
8009	1,675,922.01	1688335.48	MH



Baughman Willow Creek East 3rd Addition - Phase II
COORDINATES
 Sanitary Sewer Improvements

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 468-85402	DESIGN DMV	DRAWN JAK
REVISIONS:	APPROVED	DATE 3/08/19
	SCALE Noted	SHEET 14 OF 15