

**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
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The Contractor must notify the following in case of an emergency:

Cox Communications	262-4270
Kansas Gas Service	1-888-482-4950
Every 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

- 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."
- All excess excavation shall remain on-site and shall be stockpiled or spread south of Abilene Place Addition on lots in Neville West Addition.
- 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.

- 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.

- 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".

- 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 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.

- 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.

- 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

**BENCHMARKS**

**BENCHMARK #1:**  
 Chiseled plus cut inside chiseled square, SE Cor. of catch basin on S. side of Apollo St., 32.5' W. to line of back of east curb of drive north, 11' E. to line of end of curb north, 103.2' ENE. of deflection cor., N. Line. Lot 9, Block A, Abilene Place Add. Elev. = 1432.98 NAVD88

**BENCHMARK #2:**  
 Chiseled plus cut inside chiseled square, top of curb, most southerly SW Cor. of parking lot, 17.6' S. to back of N. curb of Apollo St., 34.7' WSW to centerline of light pole base, 114.3' E. & 143.5' N. of NW. Cor., Reserve "A", Abilene Place Add. Elev. = 1435.32 NAVD88

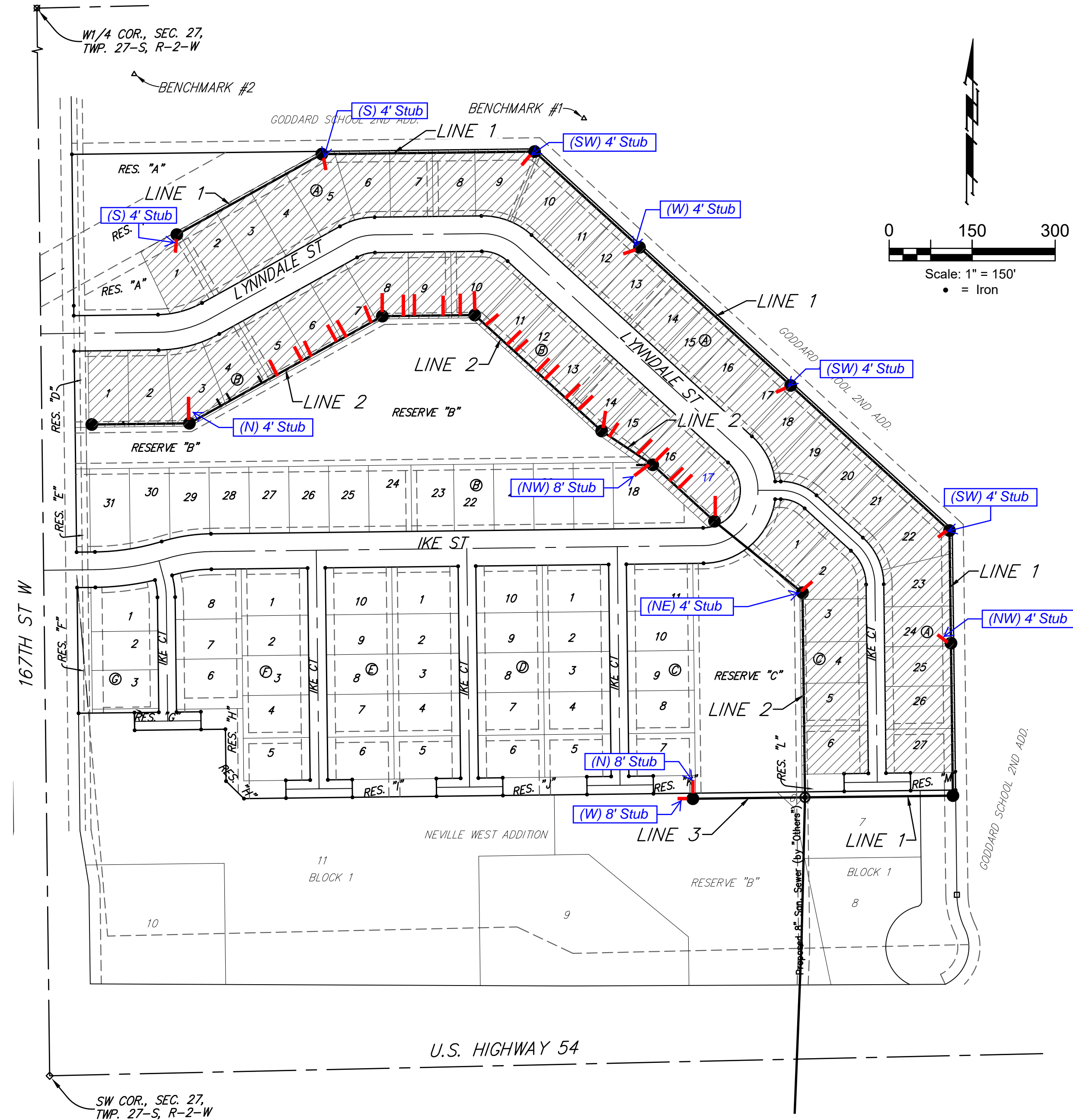
**SANITARY SEWER IMPROVEMENTS**

to serve

**ABILENE PLACE ADDITION - PHASE I**  
**CITY OF WICHITA, KANSAS**

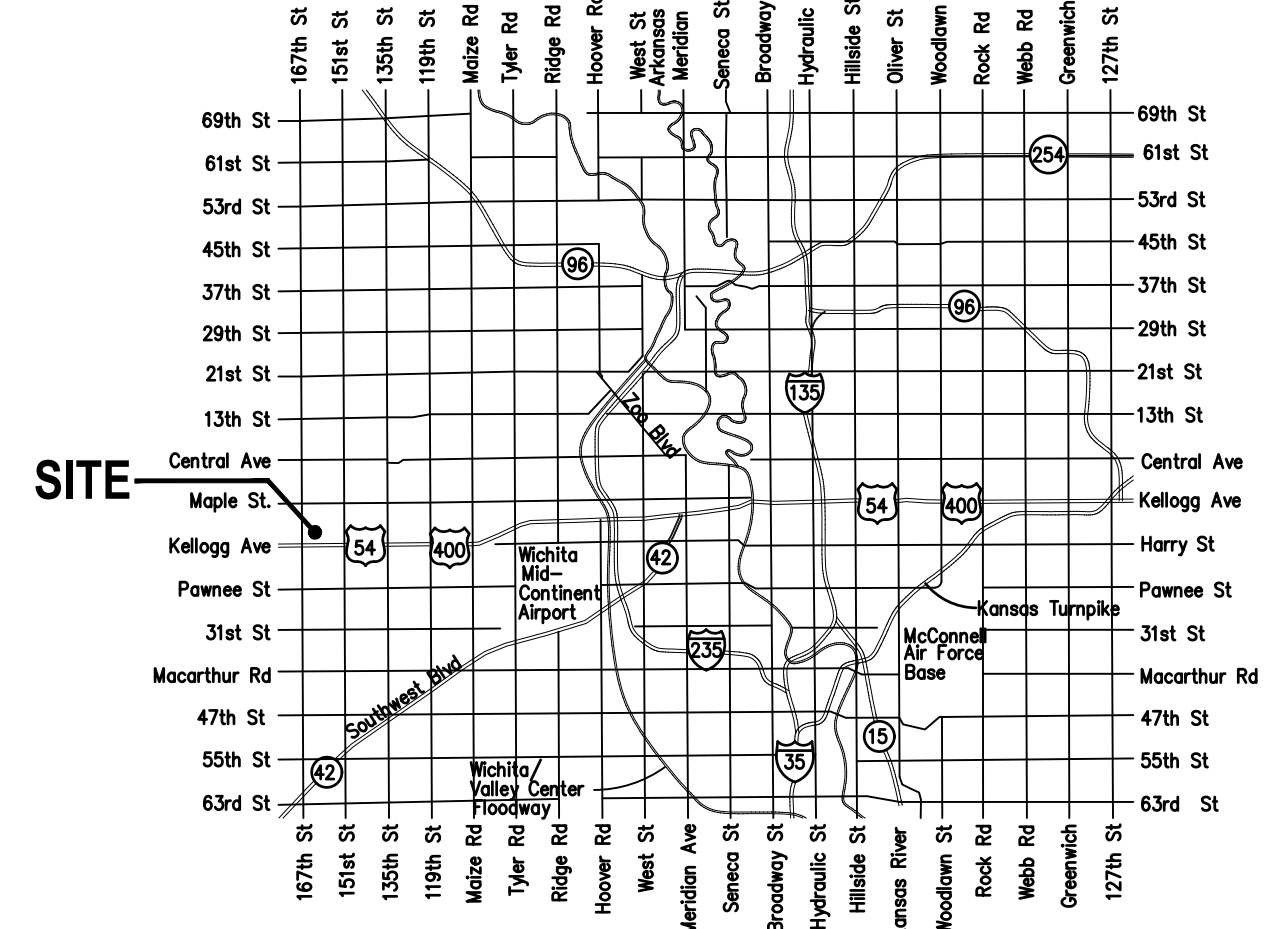
Gary Janzen, P.E. City Engineer  
 Project Number 468-2021-016523  
 Org Code Number 47264221  
 Munis Number E1044

Nowak Construction - Contractor  
 S. Lowe - City of Wichita, Field Project Engineer  
 T. Dvorak - City of Wichita, Inspector  
 As-Built  
 Stubs & Risers  
 Release Date (for connection purposes only): 3/6/2023  
 Completion Date:  
 pdf: apr 3/7/2023



**SHEET INDEX**

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**VICINITY MAP**

**BENEFIT DISTRICT**



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

Jun. 24, 2022

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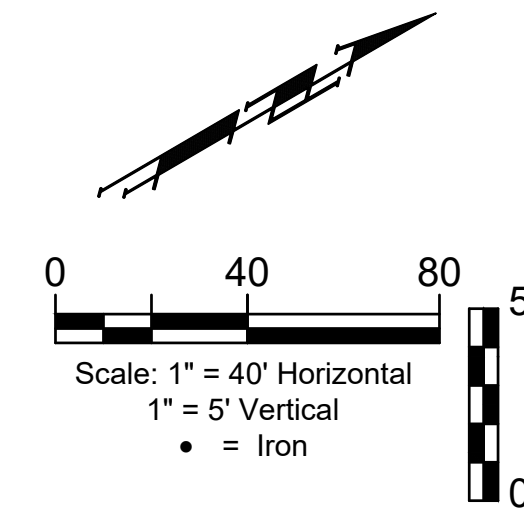
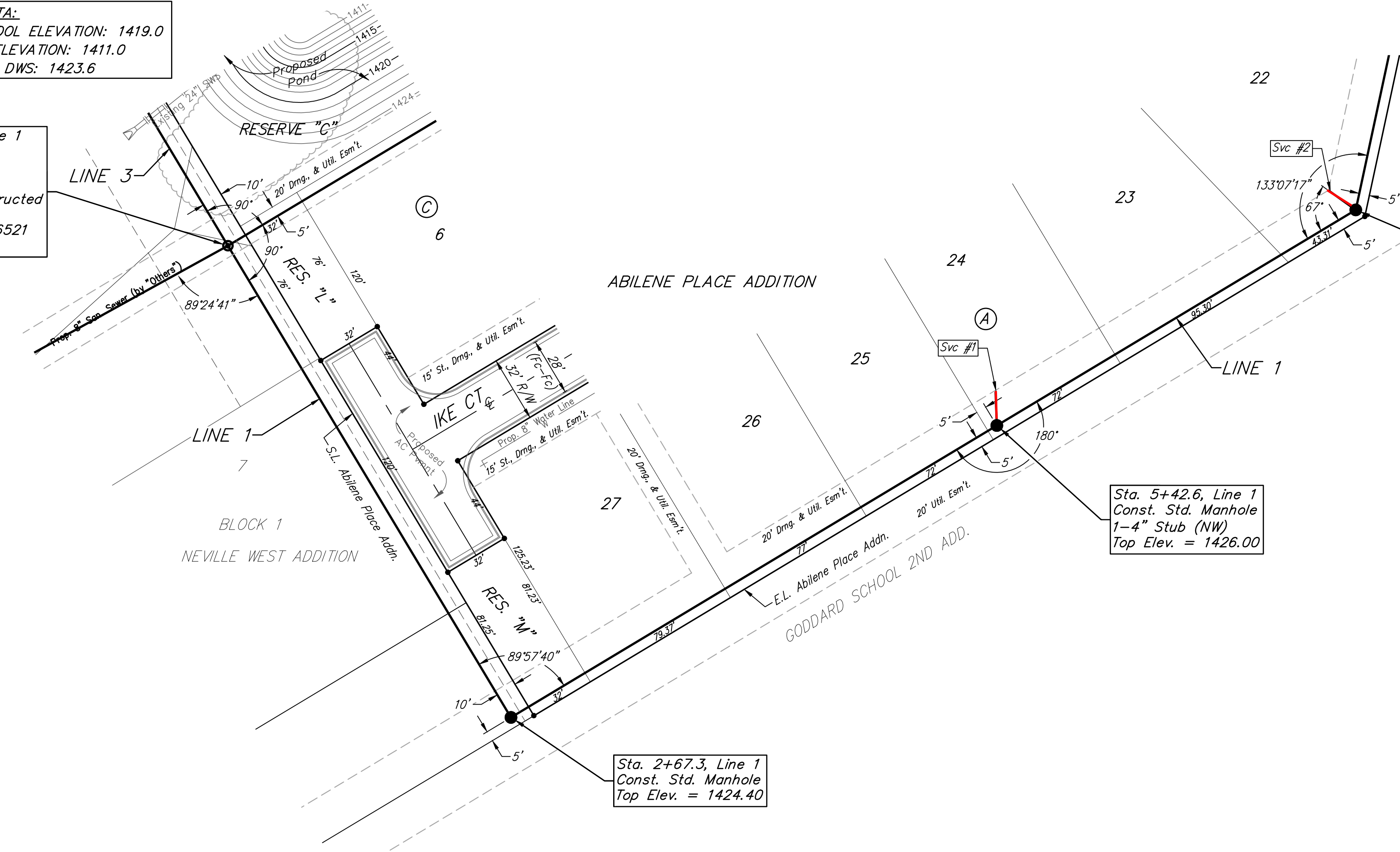
**POND DATA:**  
STATIC POOL ELEVATION: 1419.0  
BOTTOM ELEVATION: 1411.0  
100 YEAR DWS: 1423.6

Sta. 0+00, Begin Line 1  
= Sta. 0+00, Line 2  
= Sta. 0+00, Line 3  
Extend 8" Pipe  
Manhole to be Constructed  
with Sewer Main  
Proj. #468-2021-016521  
Top Elev. = 1424.50

Sta. 7+46.1, Line 1  
Const. Std. Manhole  
1-4" Stub (SW)  
Top Elev. = 1427.80  
Match Point

Sta. 5+42.6, Line 1  
Const. Std. Manhole  
1-4" Stub (NW)  
Top Elev. = 1426.00

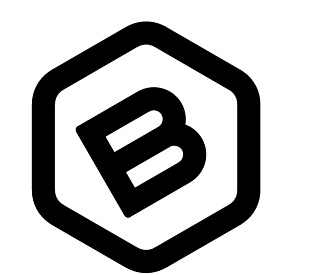
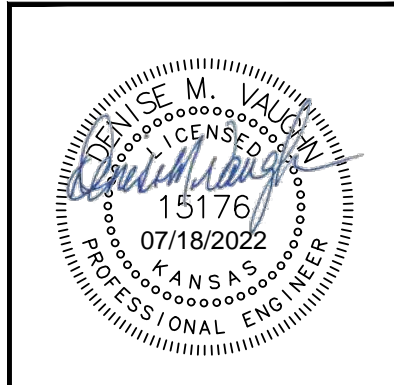
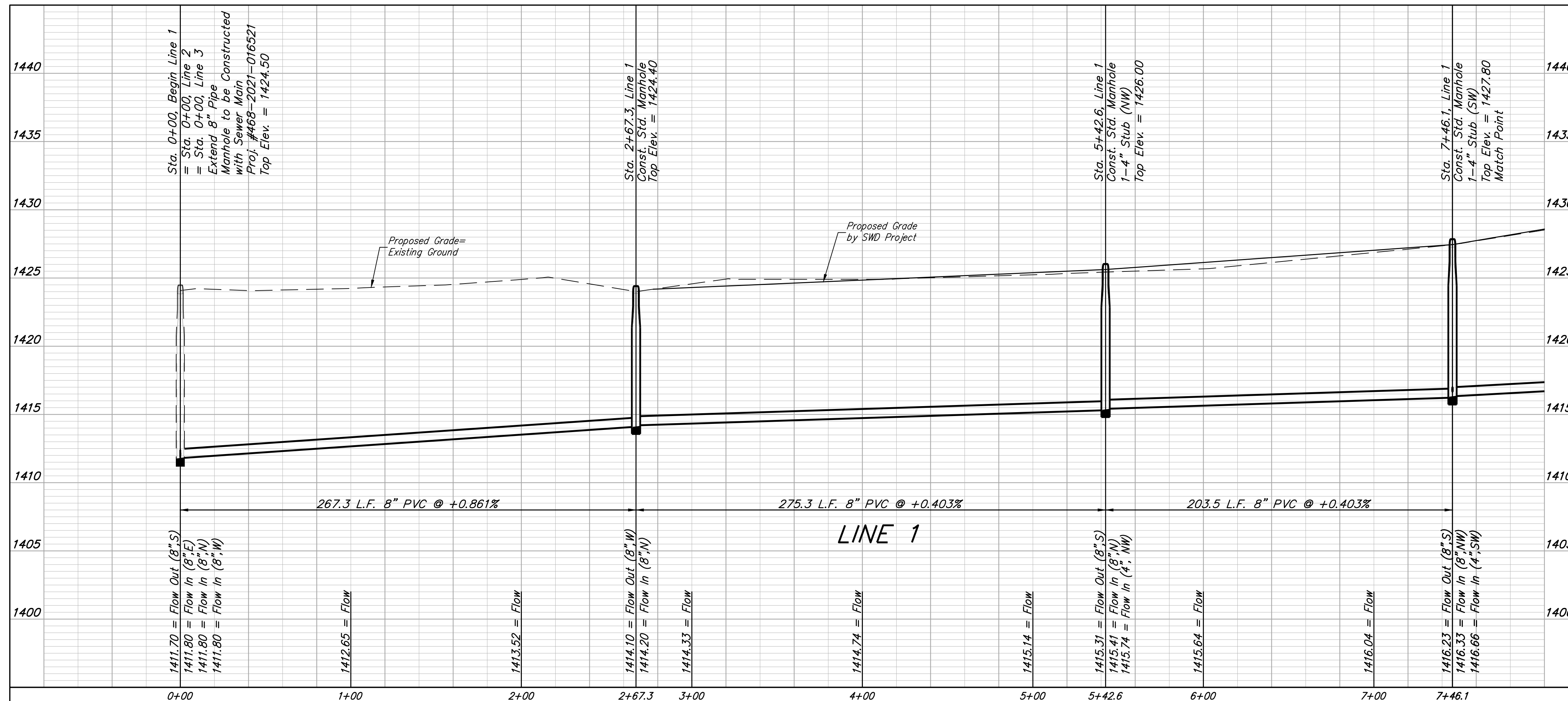
Sta. 2+67.3, Line 1  
Const. Std. Manhole  
Top Elev. = 1424.40



SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
						VERTICAL	HORIZONTAL
1	4" Stub	22	A	1	5+42.6/Lt.	-	16'
2	4" Stub	24	A	1	7+46.1/Lt.	-	16'

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



**BAUGHMAN COMPANY**  
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ABILENE PLACE ADDITION  
PHASE I

**LINE 1**

SANITARY SEWER  
IMPROVEMENTS

PROJECT NUMBER:  
468-2021-016523

DESIGN: DMV DRAWN: JAK  
DATE: June 24, 2022

SHEET OF  
**2 19**

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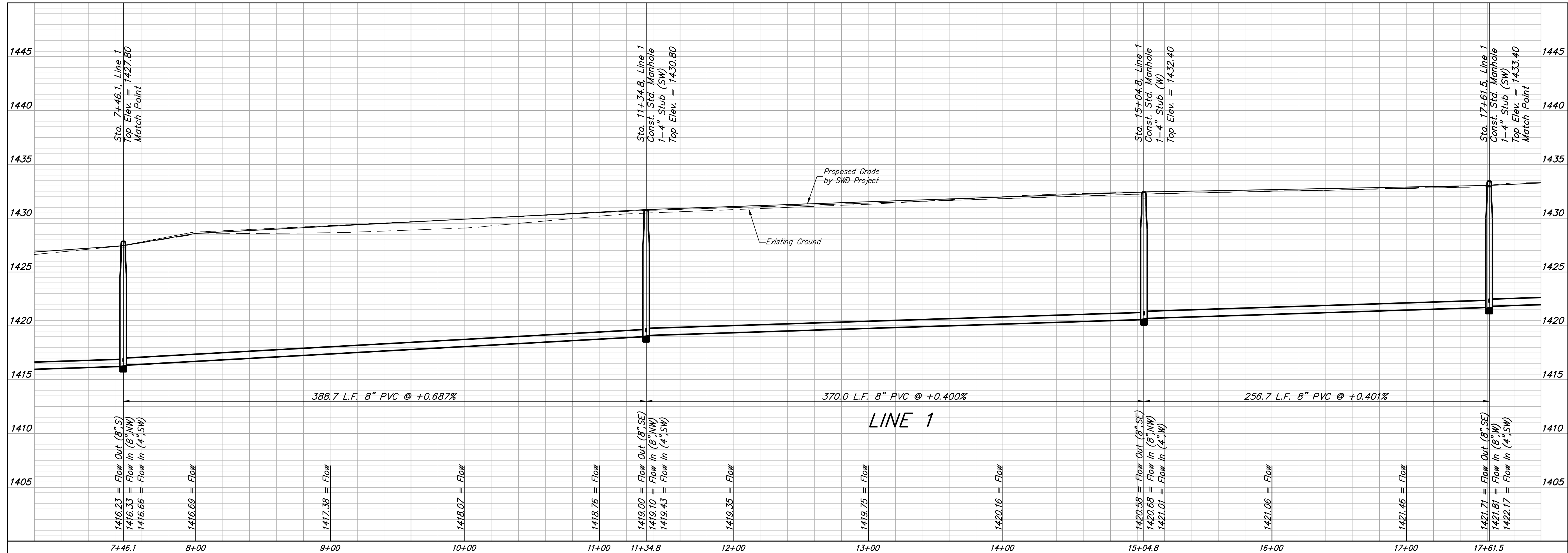
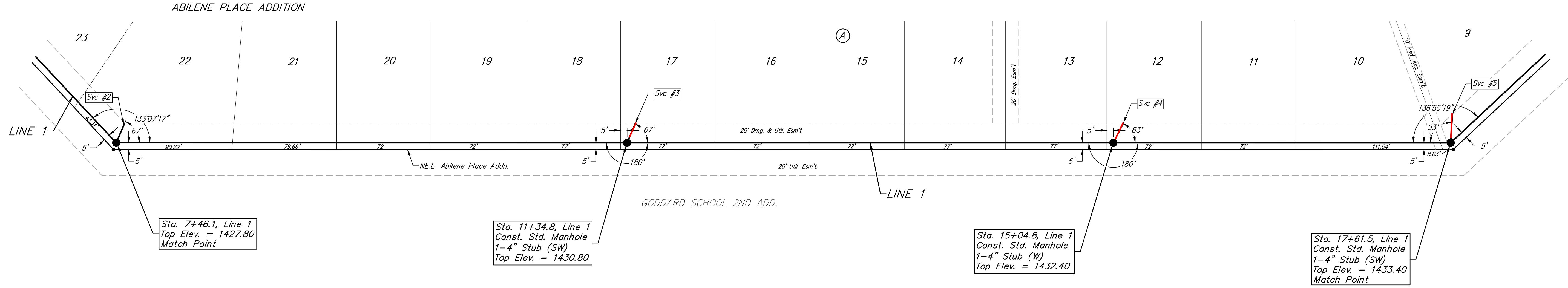
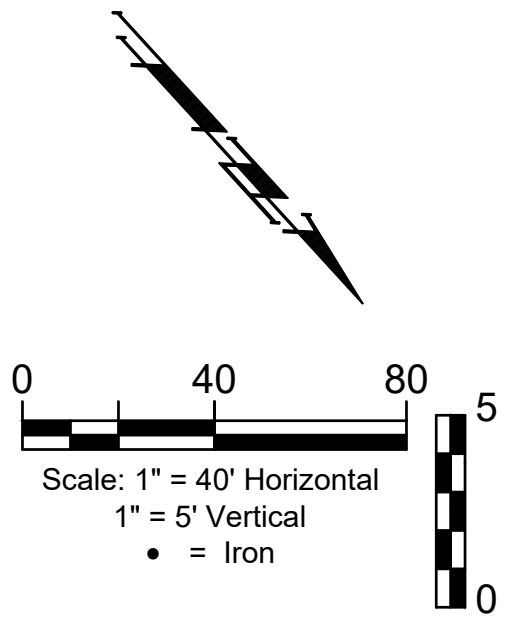
**BENCHMARK #1:**  
Chiseled plus cut inside chiseled square, SE Cor. of catch basin on S. side of Apollo St., 32.5' W. to line of back of east curb of drive north, 11' E. to line of end of curb north, 103.2' ENE. of deflection cor., N. Line. Lot 9, Block A, Abilene Place Add. Elev. = 1432.98 NAVD88

**BENCHMARK #2:**  
Chiseled plus cut inside chiseled square, top of curb, most southerly SW Cor. of parking lot, 17.6' S. to back of N. curb of Apollo St., 34.7' WSW to centerline of light pole base, 114.3' E. & 143.5' N. of NW Cor., Reserve "A", Abilene Place Add. Elev. = 1435.32 NAVD88

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL
3	4" Stub	17	A	1	11+34.8/Lt.	-	16'
4	4" Stub	12	A	1	15+04.8/Lt.	-	15'
5	4" Stub	9	A	1	17+61.5/Lt.	-	15'

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ABILENE PLACE ADDITION  
PHASE I

**LINE 1**

SANITARY SEWER  
IMPROVEMENTS

PROJECT NUMBER:  
468-2021-016523

DESIGN: DMV DRAWN: JAK

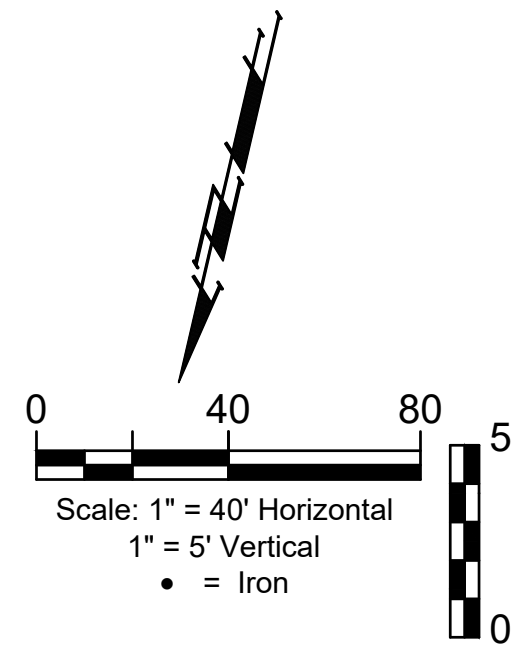
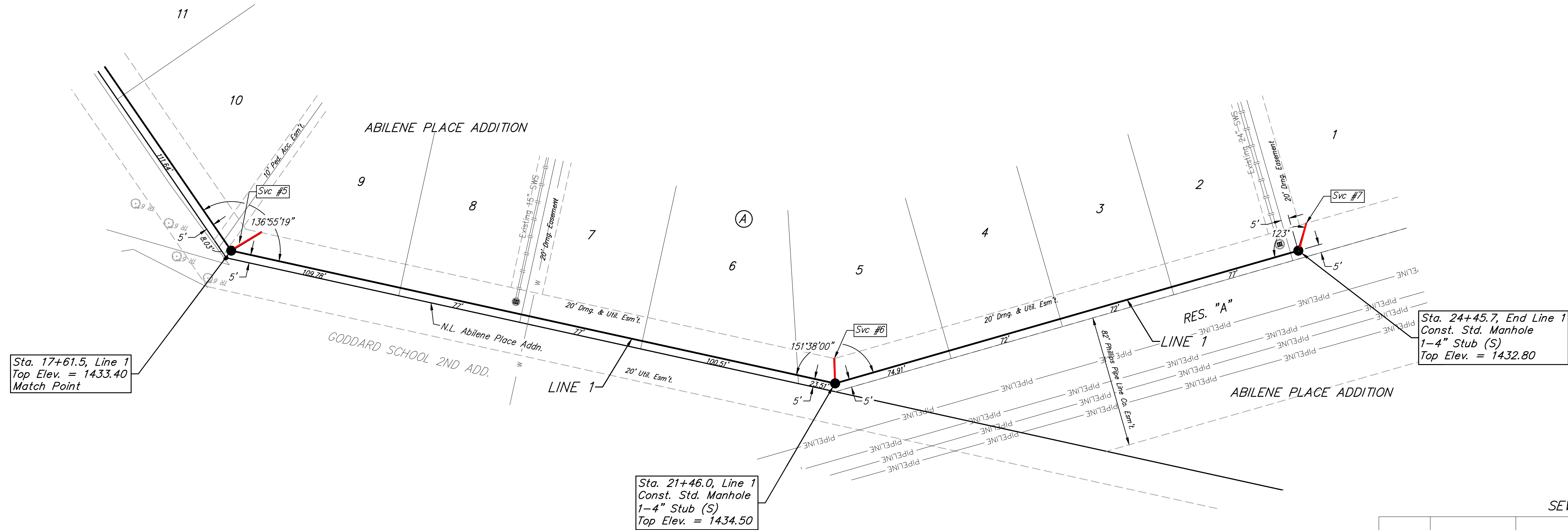
DATE: June 24, 2022

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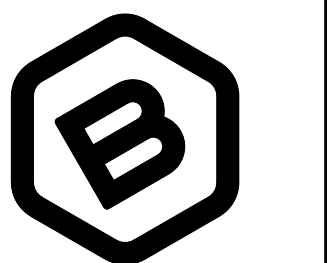
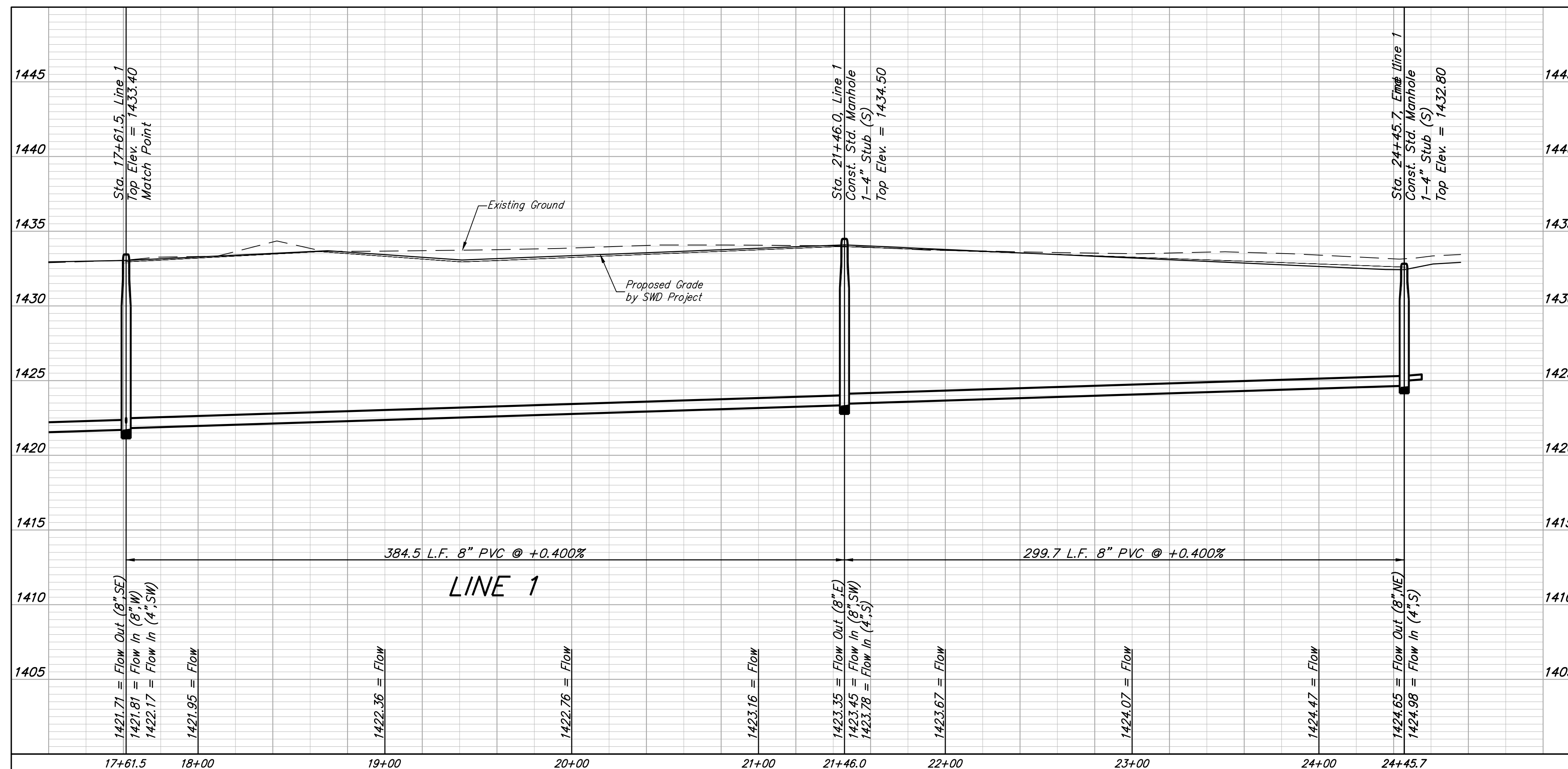
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SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL HORIZONTAL
6	4" Stub	5	A	1	21+46.1/Lt	-	15'
7	4" Stub	1	A	1	24+45.7/Lt	-	15'

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



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ABILENE PLACE ADDITION  
PHASE I

**LINE 1**

SANITARY SEWER  
IMPROVEMENTS

PROJECT NUMBER:  
468-2021-016523

DESIGN: DMV DRAWN: JAK

DATE: June 24, 2022

SHEET OF  
**4 19**

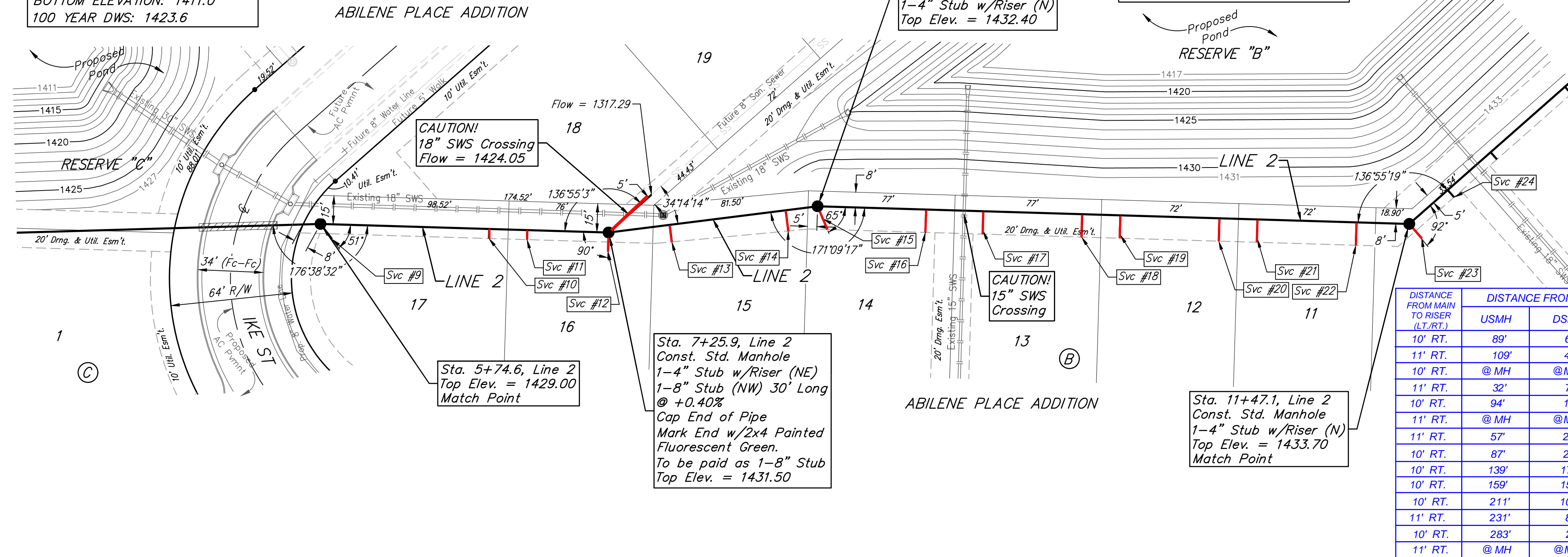


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**POND DATA:**  
STATIC POOL ELEVATION: 1419.0  
BOTTOM ELEVATION: 1411.0  
100 YEAR DWS: 1423.6

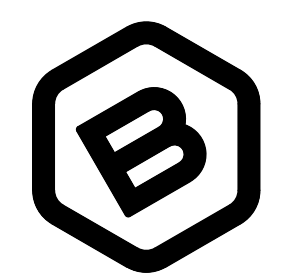
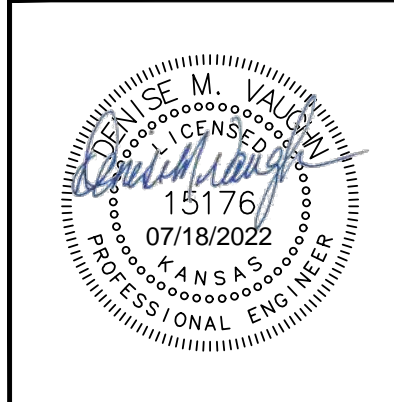
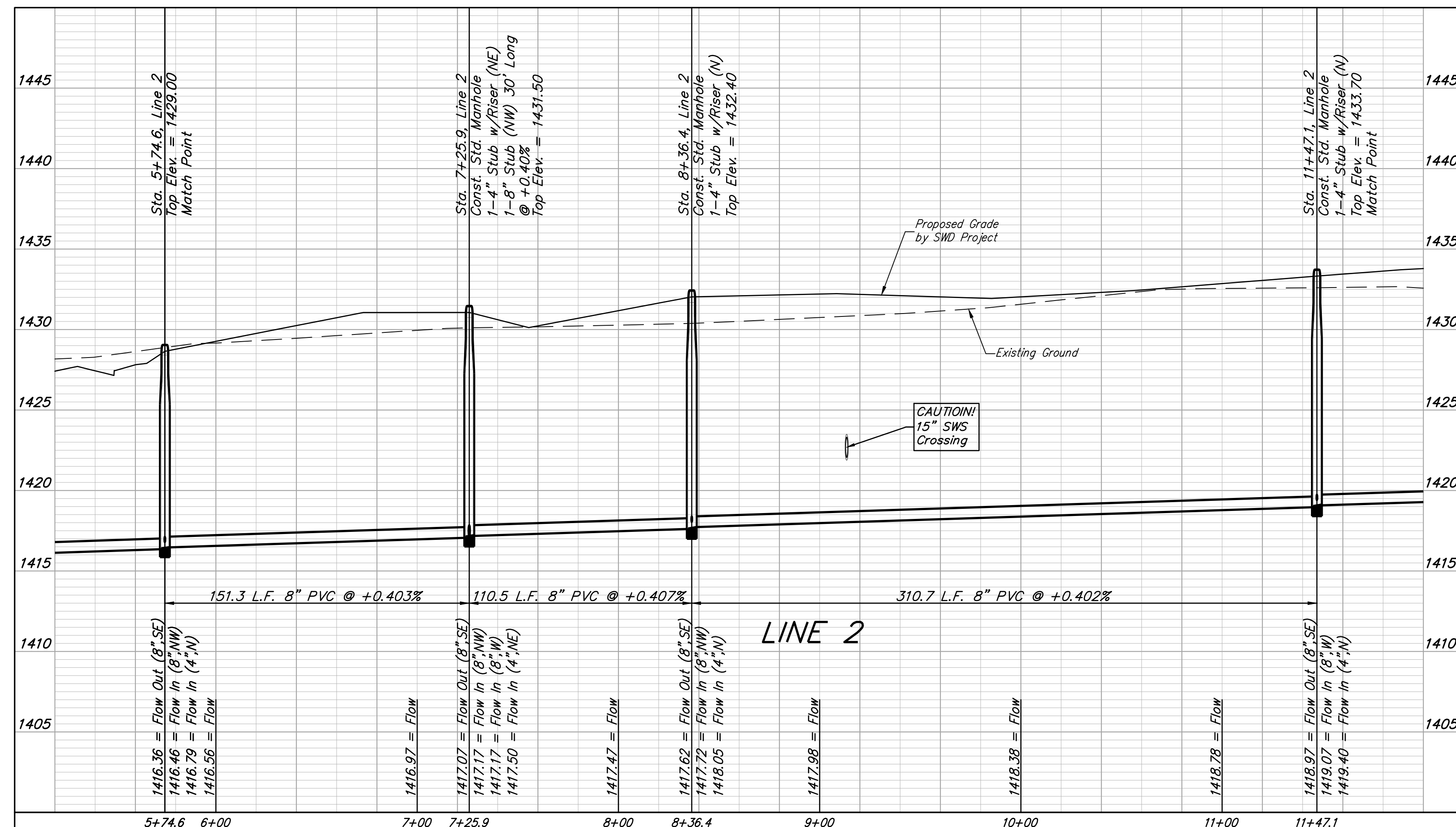
**POND DATA:**  
STATIC POOL ELEVATION: 1425.0  
BOTTOM ELEVATION: 1417.0  
100 YEAR DWS: 1427.1



SEWER SERVICE TABLE

DISTANCE FROM MAIN TO RISER (L/RT.)	DISTANCE FROM		NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY		
	USMH	DSMH			LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH	4" PIPE
10' RT.	89'	63'	10	8" x 4" Tee	17	B	2	6+63.2/RT.	10.4'	5'
11' RT.	109'	43'	11	8" x 4" Tee	16	B	2	6+83.2/RT.	10.8'	5'
10' RT.	@ MH	@ MH	12	4" Stub w/Riser	16	B	2	7+25.9/RT.	10.2'	10'
11' RT.	32'	78'	13	8" x 4" Tee	15	B	2	7+58.2/RT.	10.6'	9'
10' RT.	94'	17'	14	8" x 4" Tee	15	B	2	8+19.5/RT.	10'	11'
11' RT.	@ MH	@ MH	15	4" Stub w/Riser	14	B	2	8+36.4/RT.	10.5'	13'
11' RT.	57'	254'	16	8" x 4" Tee	14	B	2	8+93.2/RT.	10.7'	12'
10' RT.	87'	224'	17	8" x 4" Tee	13	B	2	9+23.4/RT.	10'	12'
10' RT.	139'	172'	18	8" x 4" Tee	13	B	2	9+75.4/RT.	9.8'	12'
10' RT.	159'	152'	19	8" x 4" Tee	12	B	2	9+95.4/RT.	10.2'	12'
10' RT.	211'	100'	20	8" x 4" Tee	12	B	2	10+47.4/RT.	10'	12'
11' RT.	231'	80'	21	8" x 4" Tee	11	B	2	10+67.4/RT.	10.5'	12'
10' RT.	283'	28'	22	8" x 4" Tee	11	B	2	11+19.4/RT.	10.2'	12'
11' RT.	@ MH	@ MH	23	4" Stub w/Riser	10	B	2	11+47.1/RT.	10.5'	10'

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



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ABILENE PLACE ADDITION  
PHASE I

**LINE 2**

SANITARY SEWER IMPROVEMENTS  
PROJECT NUMBER:  
468-2021-016523  
DESIGN: DMV DRAWN: JAK  
DATE: June 24, 2022  
SHEET OF  
**6 19**

File: E:\Projects\Abilene Place Addition\_20-03-P540\Engineering\Phase 1\SS\_21-03-E875.dwg

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ABILENE PLACE ADDITION

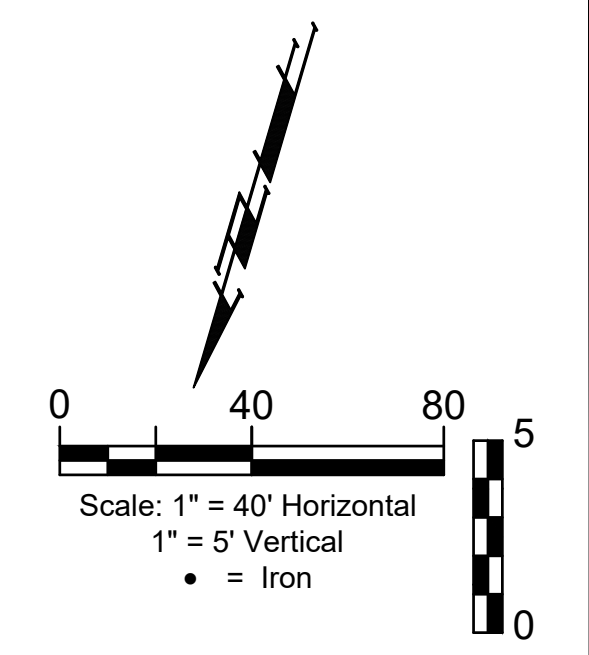
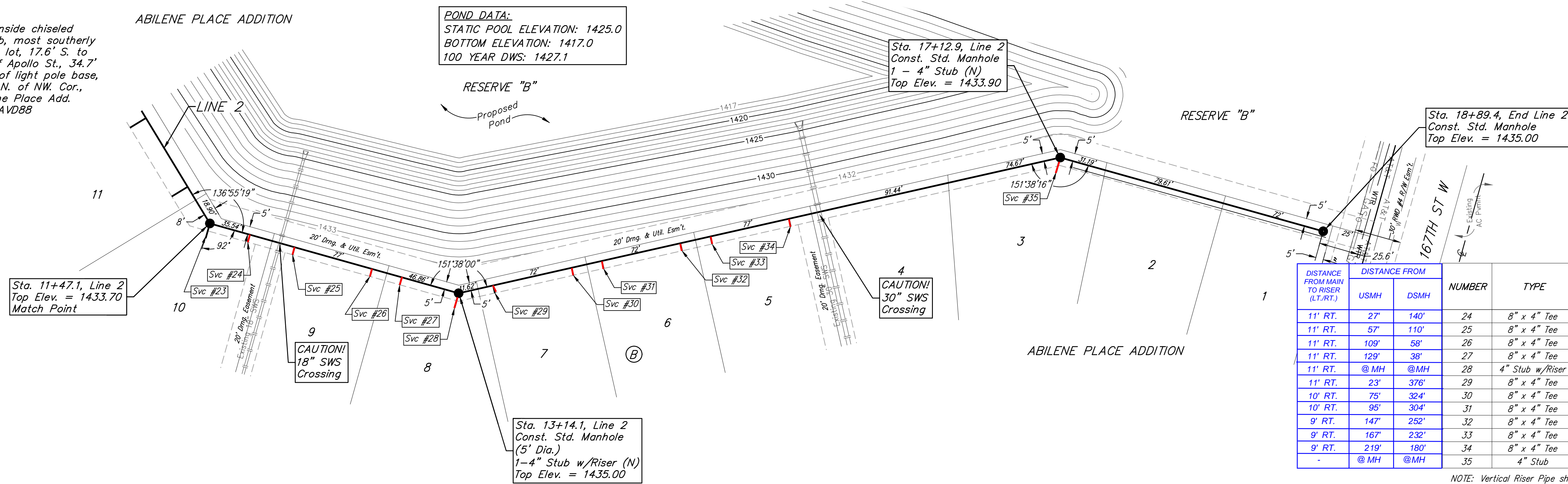
**POND DATA:**  
STATIC POOL ELEVATION: 1425.0  
BOTTOM ELEVATION: 1417.0  
100 YEAR DWS: 1427.1

RESERVE "B"

Proposed Pond

RESERVE "B"

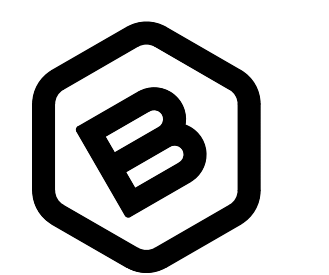
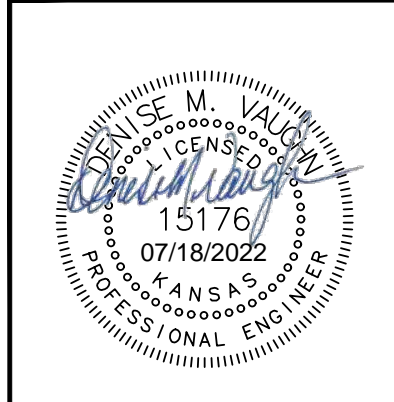
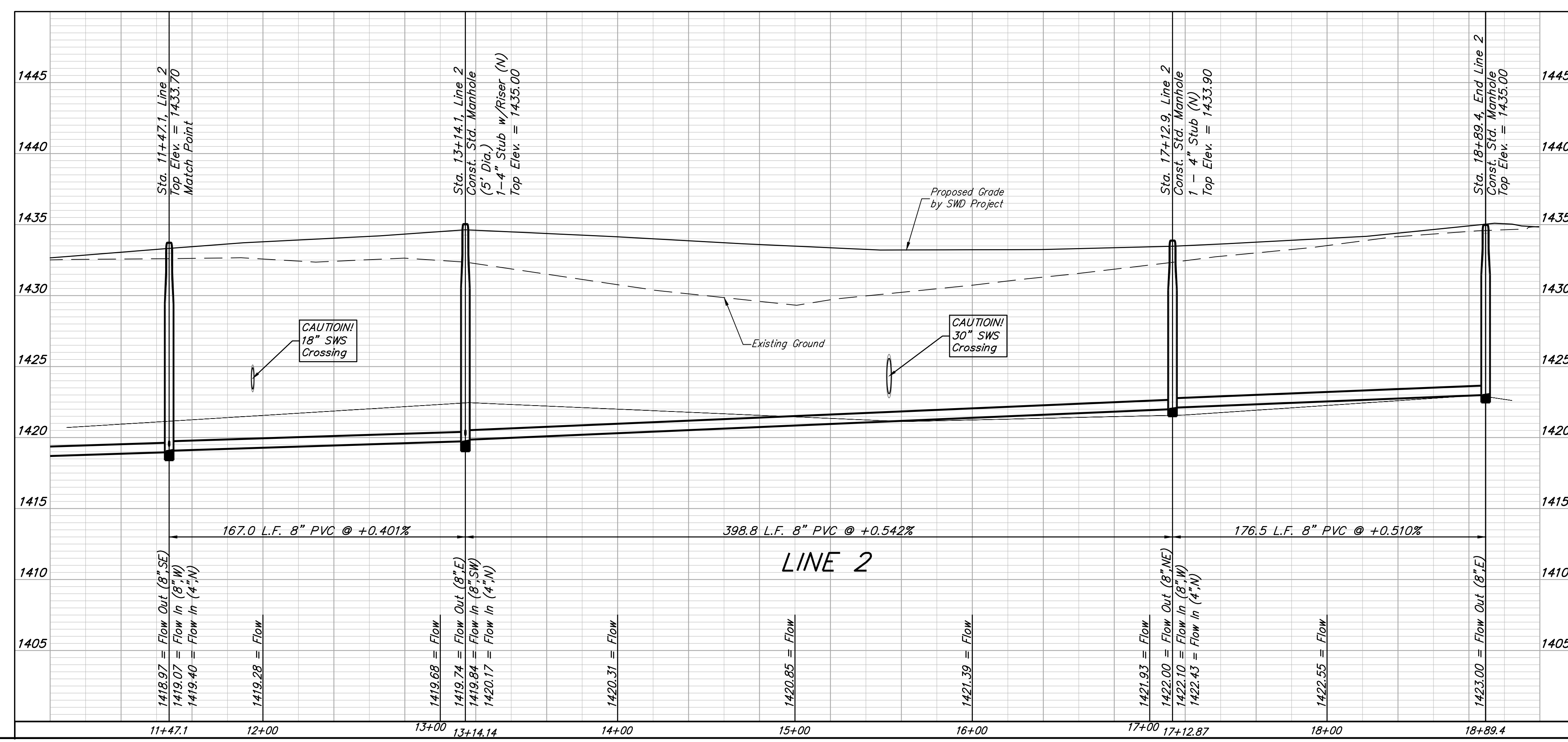
ABILENE PLACE ADDITION



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	USMH	DSMH			LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
11' RT.	27'	140'	24	8" x 4" Tee	10	B	2	11+74.0/Rt.	10.5'	5'
11' RT.	57'	110'	25	8" x 4" Tee	9	B	2	12+04.0/Rt.	10.6'	5'
11' RT.	109'	58'	26	8" x 4" Tee	9	B	2	12+56.0/Rt.	10.6'	5'
11' RT.	129'	38'	27	8" x 4" Tee	8	B	2	12+76.0/Rt.	11'	5'
11' RT.	@MH	@MH	28	4" Stub w/Riser	8	B	2	13+14.1/Rt.	11.1'	5'
11' RT.	23'	376'	29	8" x 4" Tee	7	B	2	13+37.0/Rt.	10.6'	10'
10' RT.	75'	324'	30	8" x 4" Tee	7	B	2	13+89.0/Rt.	10.1'	5'
10' RT.	95'	304'	31	8" x 4" Tee	6	B	2	14+09.0/Rt.	9.7'	5'
9' RT.	147'	252'	32	8" x 4" Tee	6	B	2	14+61.0/Rt.	9'	5'
9' RT.	167'	232'	33	8" x 4" Tee	5	B	2	14+81.0/Rt.	8.9'	5'
9' RT.	219'	180'	34	8" x 4" Tee	5	B	2	15+33.0/Rt.	8.4'	5'
-	@MH	@MH	35	4" Stub	3	B	2	17+12.9/Rt.	-	5'

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



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Wichita, KS 67211  
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ABILENE PLACE ADDITION  
PHASE I

**LINE 2**

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:  
468-2021-016523

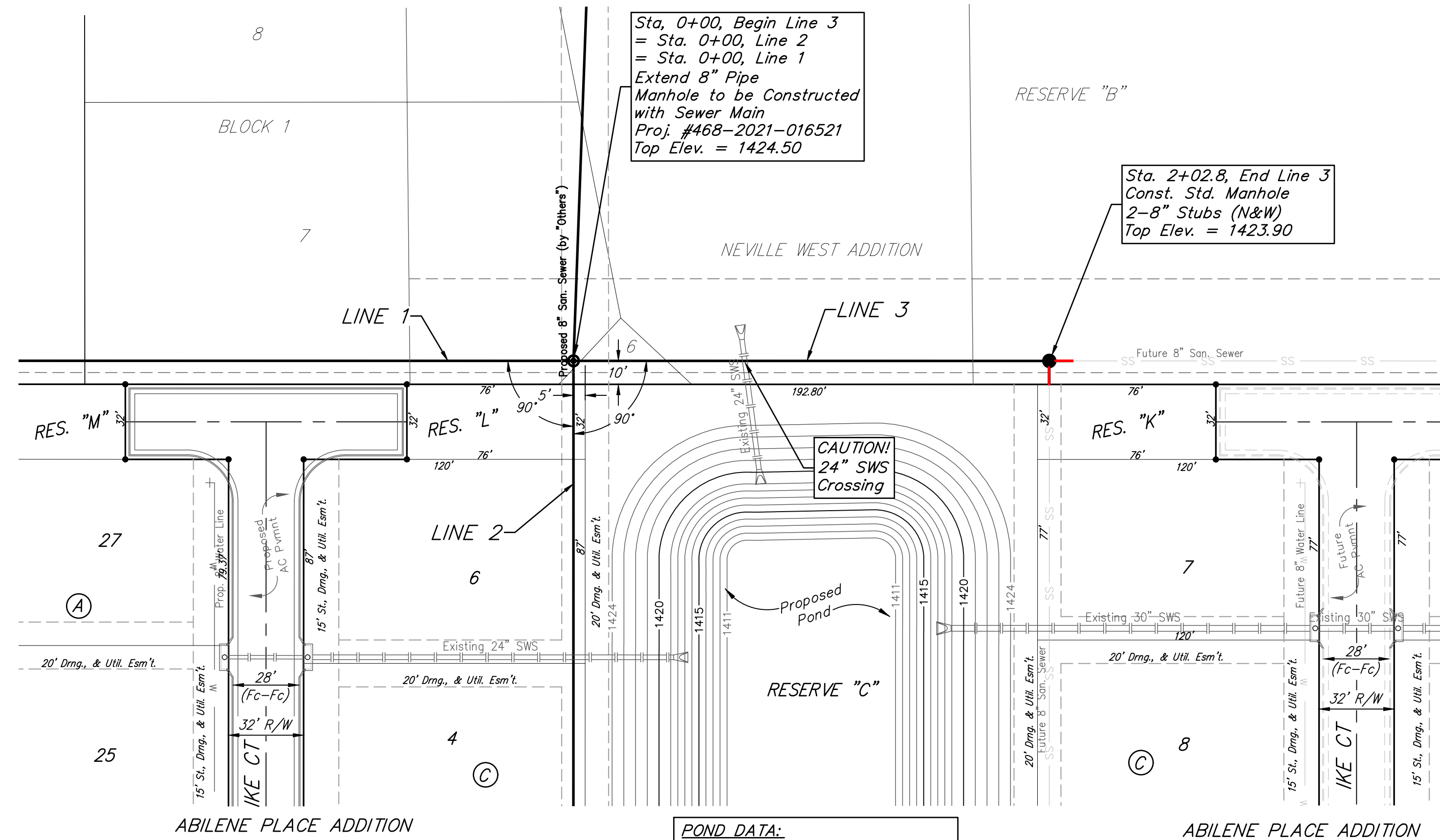
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**BENCHMARK #1:**  
Chiseled plus cut inside chiseled square, SE Cor. of catch basin on S. side of Apollo St., 32.5' W. to line of back of east curb of drive north, 11' E. to line of end of curb north, 103.2' ENE. of deflection cor., N. Line. Lot 9, Block A, Abilene Place Add. Elev. = 1432.98 NAVD88

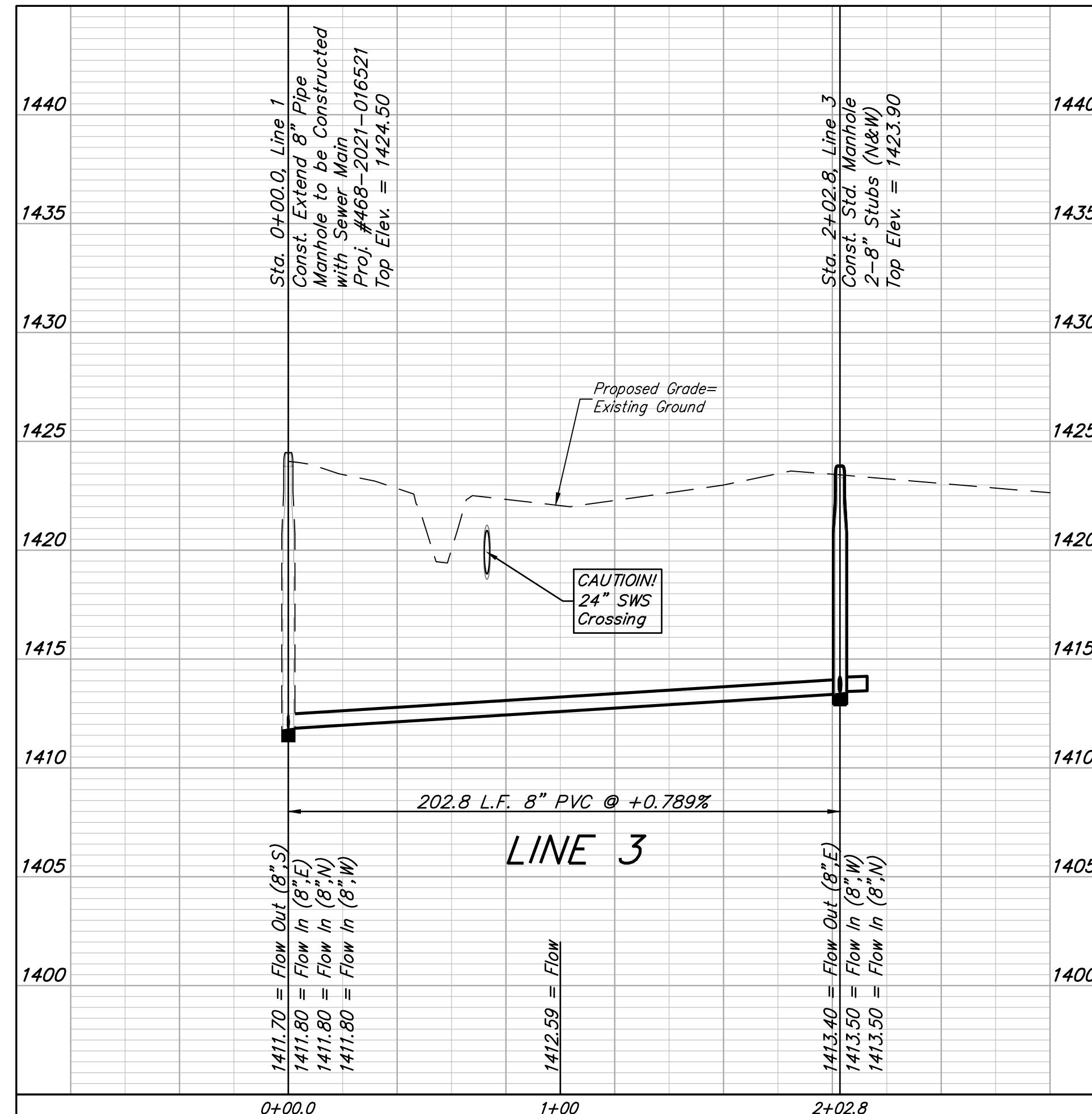
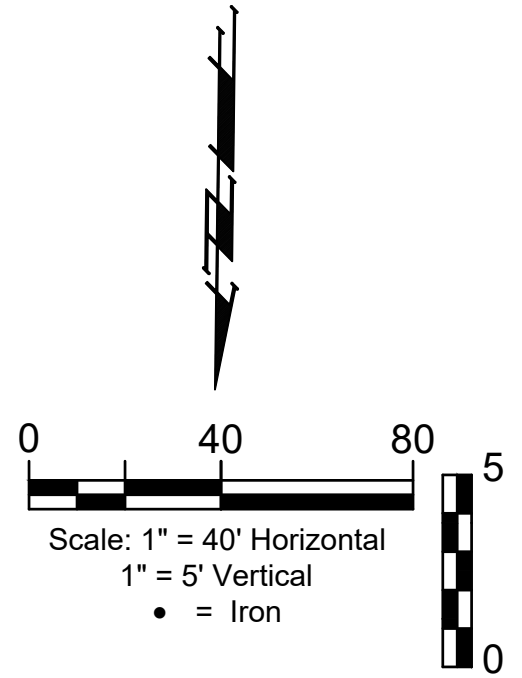
**BENCHMARK #2:**  
Chiseled plus cut inside chiseled square, top of curb, most southerly SW Cor. of parking lot, 17.6' S. to back of N. curb of Apollo St., 34.7' WSW to centerline of light pole base, 114.3' E. & 143.5' N. of NW Cor., Reserve "A", Abilene Place Add. Elev. = 1435.32 NAVD88



Sta. 0+00.0, Begin Line 3  
= Sta. 0+00.0, Line 2  
= Sta. 0+00.0, Line 1  
Extend 8" Pipe  
Manhole to be Constructed  
with Sewer Main  
Proj. #468-2021-016521  
Top Elev. = 1424.50

Sta. 2+02.8, End Line 3  
Const. Std. Manhole  
2-8" Stubs (N&W)  
Top Elev. = 1423.90

**POND DATA:**  
STATIC POOL ELEVATION: 1419.0  
BOTTOM ELEVATION: 1411.0  
100 YEAR DWS: 1423.6





**BAUGHMAN COMPANY**

315 Ellis St.  
Wichita, KS 67211  
316-262-7271  
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ABILENE PLACE ADDITION  
PHASE I

**LINE 3**

SANITARY SEWER  
IMPROVEMENTS

PROJECT NUMBER:  
468-2021-016523

DESIGN: DMV DRAWN: JAK

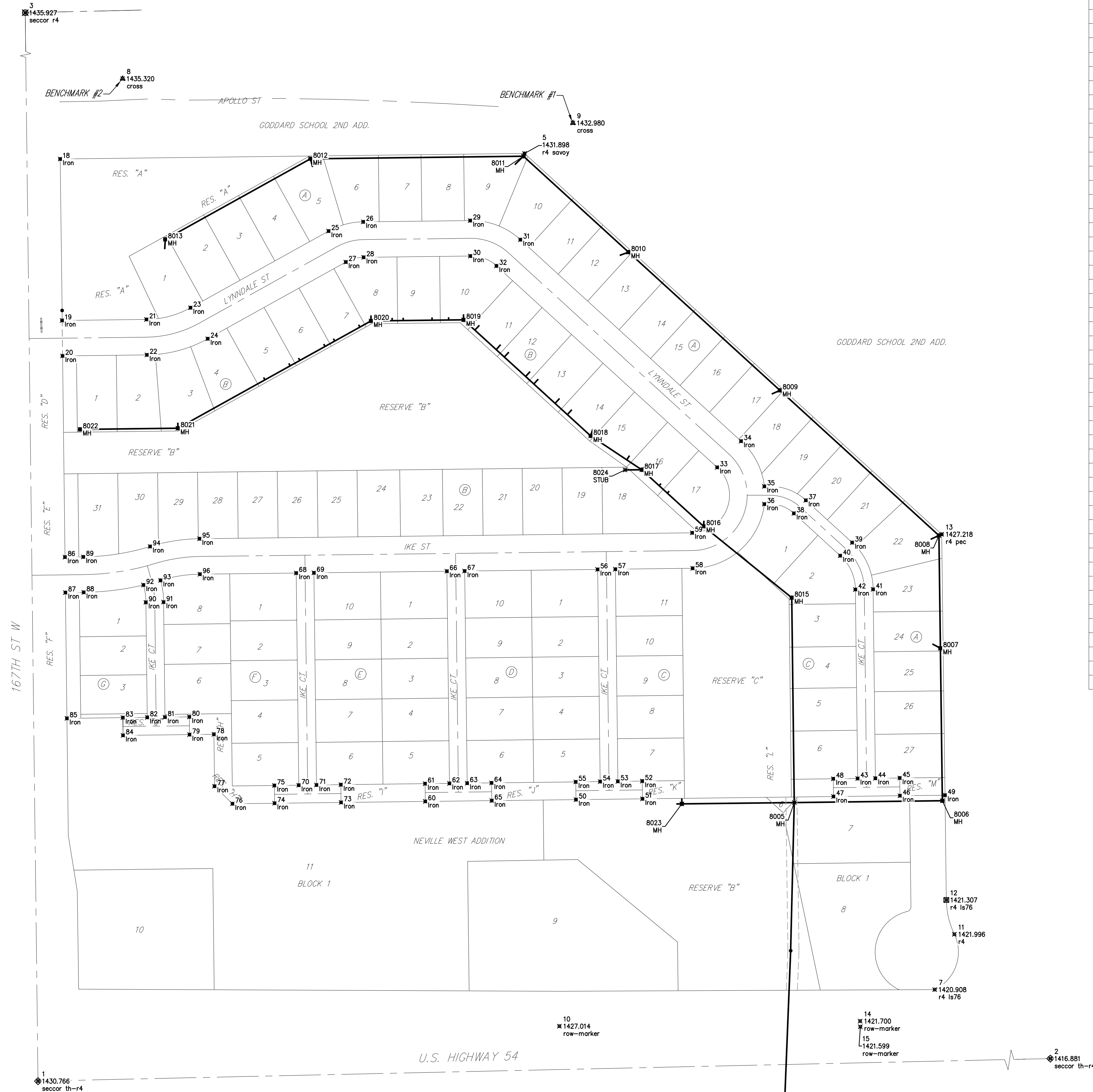
DATE: June 24, 2022

SHEET **8** OF **19**

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**BENCHMARK #1:**  
Chiseled plus cut inside chiseled square, SE Cor. of catch basin on S. side of Apollo St., 32.5' W. to line of back of east curb of drive north, 11' E. to line of end of curb north, 103.2' ENE. of deflection cor., N. Line. Lot 9, Block A, Abilene Place Add. Elev. = 1432.98 NAVD88

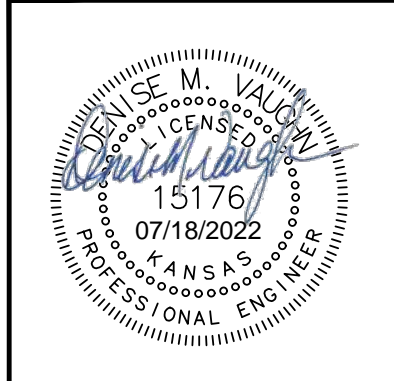
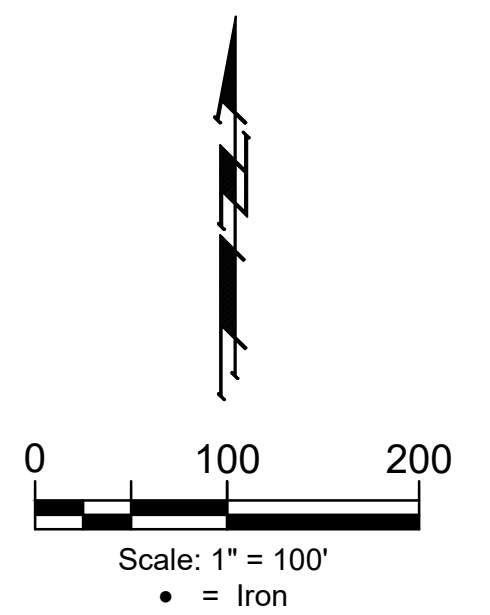
**BENCHMARK #2:**  
Chiseled plus cut inside chiseled square, top of curb, most southerly SW Cor. of parking lot, 17.6' S. to back of N. curb of Apollo St., 34.7' WSW to centerline of light pole base, 114.3' E. & 143.5' N. of NW. Cor., Reserve "A", Abilene Place Add. Elev. = 1435.32 NAVD88



CONTROL POINTS			
Point	Northing	Eastng	Desc
1	1,676,957.80	1591694.91	seccor th-r4
2	1,677,016.42	1594327.73	seccor th-r4
3	1,679,598.84	1591663.25	seccor r4
5	1,678,632.36	1592572.98	r4 savvy
7	1,677,123.06	1593313.23	r4 ls76
8	1,678,767.28	1591847.54	cross
9	1,678,687.37	1592660.29	cross
10	1,677,056.97	1592635.81	row-marker
11	1,677,222.89	1593348.73	r4
12	1,677,284.79	1593334.28	r4 ls76
13	1,677,944.93	1593325.92	r4 pec
14	1,677,066.13	1593178.67	row-marker
15	1,677,055.97	1593179.03	row-marker
18	1,678,622.38	1591734.96	Iron
19	1,678,330.94	1591738.45	Iron
20	1,678,266.95	1591739.22	Iron
21	1,678,332.77	1591890.64	Iron
22	1,678,268.77	1591891.41	Iron
23	1,678,353.89	1591970.20	Iron
24	1,678,297.94	1592001.27	Iron
25	1,678,492.29	1592219.38	Iron
26	1,678,508.88	1592281.90	Iron
27	1,678,436.34	1592250.45	Iron
28	1,678,444.89	1592282.66	Iron
29	1,678,511.18	1592474.96	Iron
30	1,678,447.17	1592475.06	Iron
31	1,678,476.67	1592565.53	Iron
32	1,678,429.41	1592522.38	Iron
33	1,678,065.76	1592920.69	Iron
34	1,678,113.02	1592963.84	Iron
35	1,678,031.44	1593005.88	Iron
36	1,677,999.44	1593005.85	Iron
37	1,678,006.33	1593080.70	Iron
38	1,677,982.69	1593059.13	Iron
39	1,677,929.92	1593164.39	Iron
40	1,677,906.28	1593142.82	Iron
41	1,677,845.64	1593202.17	Iron
42	1,677,845.26	1593170.17	Iron
43	1,677,504.09	1593174.26	Iron
44	1,677,504.47	1593206.26	Iron
45	1,677,505.00	1593250.26	Iron
46	1,677,473.00	1593250.64	Iron
47	1,677,471.56	1593130.65	Iron
48	1,677,503.56	1593130.27	Iron
49	1,677,473.98	1593331.84	Iron
50	1,677,465.99	1592665.89	Iron
51	1,677,467.43	1592785.88	Iron
52	1,677,499.43	1592785.49	Iron
53	1,677,498.90	1592741.50	Iron

CONTROL POINTS			
Point	Northing	Eastng	Desc
54	1,677,498.52	1592709.50	Iron
55	1,677,497.99	1592665.50	Iron
56	1,677,881.49	1592704.91	Iron
57	1,677,881.87	1592736.91	Iron
58	1,677,883.55	1592876.42	Iron
59	1,677,947.54	1592875.65	Iron
60	1,677,462.73	1592393.90	Iron
61	1,677,494.73	1592393.52	Iron
62	1,677,495.26	1592437.52	Iron
63	1,677,495.64	1592469.52	Iron
64	1,677,496.17	1592513.51	Iron
65	1,677,464.17	1592513.90	Iron
66	1,677,878.23	1592432.93	Iron
67	1,677,878.62	1592464.93	Iron
68	1,677,874.97	1592160.95	Iron
69	1,677,875.36	1592192.95	Iron
70	1,677,492.00	1592165.54	Iron
71	1,677,492.38	1592197.54	Iron
72	1,677,492.91	1592241.53	Iron
73	1,677,460.91	1592241.92	Iron
74	1,677,459.47	1592121.92	Iron
75	1,677,491.47	1592121.54	Iron
76	1,677,458.56	1592045.93	Iron
77	1,677,490.18	1592013.55	Iron
78	1,677,583.89	1592012.43	Iron
79	1,677,583.37	1591968.43	Iron
80	1,677,615.36	1591968.05	Iron
81	1,677,614.84	1591924.05	Iron
82	1,677,614.45	1591892.05	Iron
83	1,677,613.93	1591848.05	Iron
84	1,677,581.93	1591848.44	Iron
85	1,677,612.72	1591747.06	Iron
86	1,677,903.70	1591743.57	Iron
87	1,677,839.70	1591744.34	Iron
88	1,677,840.10	1591777.43	Iron
89	1,677,904.09	1591776.66	Iron
90	1,677,822.12	1591889.56	Iron
91	1,677,822.50	1591921.56	Iron
92	1,677,853.37	1591885.19	Iron
93	1,677,861.78	1591916.07	Iron
94	1,677,922.95	1591897.26	Iron
95	1,677,936.88	1591986.35	Iron
96	1,677,872.89	1591987.12	Iron

SS POINTS			
Point	Northing	Eastng	Desc
8001	1,676,459.97	1593045.21	EX MH
8002	1,676,666.14	1593041.25	MH
8003	1,676,872.32	1593037.28	MH
8005	1,677,460.71	1593059.77	MH
8006	1,677,463.92	1593327.01	MH
8007	1,677,739.27	1593323.53	MH
8008	1,677,942.70	1593320.95	MH
8009	1,678,204.79	1593033.88	MH
8010	1,678,454.26	1592760.64	MH
8011	1,678,627.33	1592571.07	MH
8012	1,678,622.76	1592186.54	MH
8013	1,678,477.26	1591924.59	MH
8015	1,677,830.43	1593055.34	MH
8016	1,677,959.47	1592896.20	MH
8017	1,678,061.46	1592784.50	MH
8018	1,678,122.56	1592692.36	MH
8019	1,678,332.03	1592462.93	MH
8020	1,678,330.04	1592295.91	MH
8021	1,678,136.43	1591947.34	MH
8022	1,678,134.32	1591770.81	MH
8023	1,677,458.28	1592856.99	MH
8024	1,678,061.10	1592754.50	STUB



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ABILENE PLACE ADDITION  
PHASE I

**COORDINATES**

SANITARY SEWER IMPROVEMENTS  
PROJECT NUMBER:  
468-2021-016523  
DESIGN: DMV DRAWN: JAK  
DATE: June 24, 2022  
SHEET OF  
**18 19**

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