

GENERAL NOTES:

1. 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
 - Energ 383-8650
 - Black Hills 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

2. 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.

3. 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.

4. 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.

5. 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.

6. 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.

7. 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."

8. All excess excavation from any construction activities on this project including trench excavation, easement grading, or any other activities shall be the responsibility of the contractor to remove from the site at the contractor's expense. No stockpiles nor any other extra payments will be allowed unless explicitly agreed to by the owner.

9. 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.

10. All areas within Creed St., Greenleaf St., Hurst St., & Webb Rd. R/W's disturbed during construction shall be seeded, mulched, and fertilized as follows:

SEED -- Kansas Premium Fescue Blend; 8#/1000 Sq. Ft. Rye grass (PLS); 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 -- Rye grass (PLS)--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 Rye at of 5 Lbs./1000 Sq. Ft. unless otherwise noted and shall be planted when permanent seed or sod cannot be used due to seasonal limitations.

11. 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.

12. The Developer for this project is Eric Gilbert. 5841 N Prospect Rd., Park City, KS 67204. PH# (316) 650-7536 Email emgilbert13@gmail.com

SANITARY SEWER IMPROVEMENTS

to serve

TOWNE PARC 10TH ADDITION

CITY OF WICHITA, KANSAS

Paul Gunzelman, P.E. Interim City Engineer
 Project Number: 468-2023-005533
 Org Code Number: 47268823
 Munis Number: E3092

Baughman Co. Job #: 23-08-E564

SS Construction Began = August 2023
 SS Construction Ended = September 2024

AS-BUILT PLANS

Utility Contractor = Nowak Construction
 Superintendent = Dave Stareck
 Inspector = Fred Smith - Baughman Company
 As-Built Plans = F. Smith & Larry Powell - 4-25-2024

K. Kerns - City of Wichita, Field Project Engineer
 As-built
 Stubs & Risers
 Release Date: 11/8/2023
 Completion Date:
 pdf: apr 6/4/2024

SHEET INDEX

Title Sheet	1
Ex. SS	2-3
Line 1	4-8
Line 2	9
Line 3	10
Line 4	11
Line 5	12
Line 6	13
Line 7 & Line 8	14
Erosion Control Plan	15
Erosion Control BMP Details	16-20
Standard Manhole Detail	21
Frame & Cover Detail	22
Vertical Riser Detail	23
Coordinate Sheet	24
Copy of Plat	25

Construction Sequence:

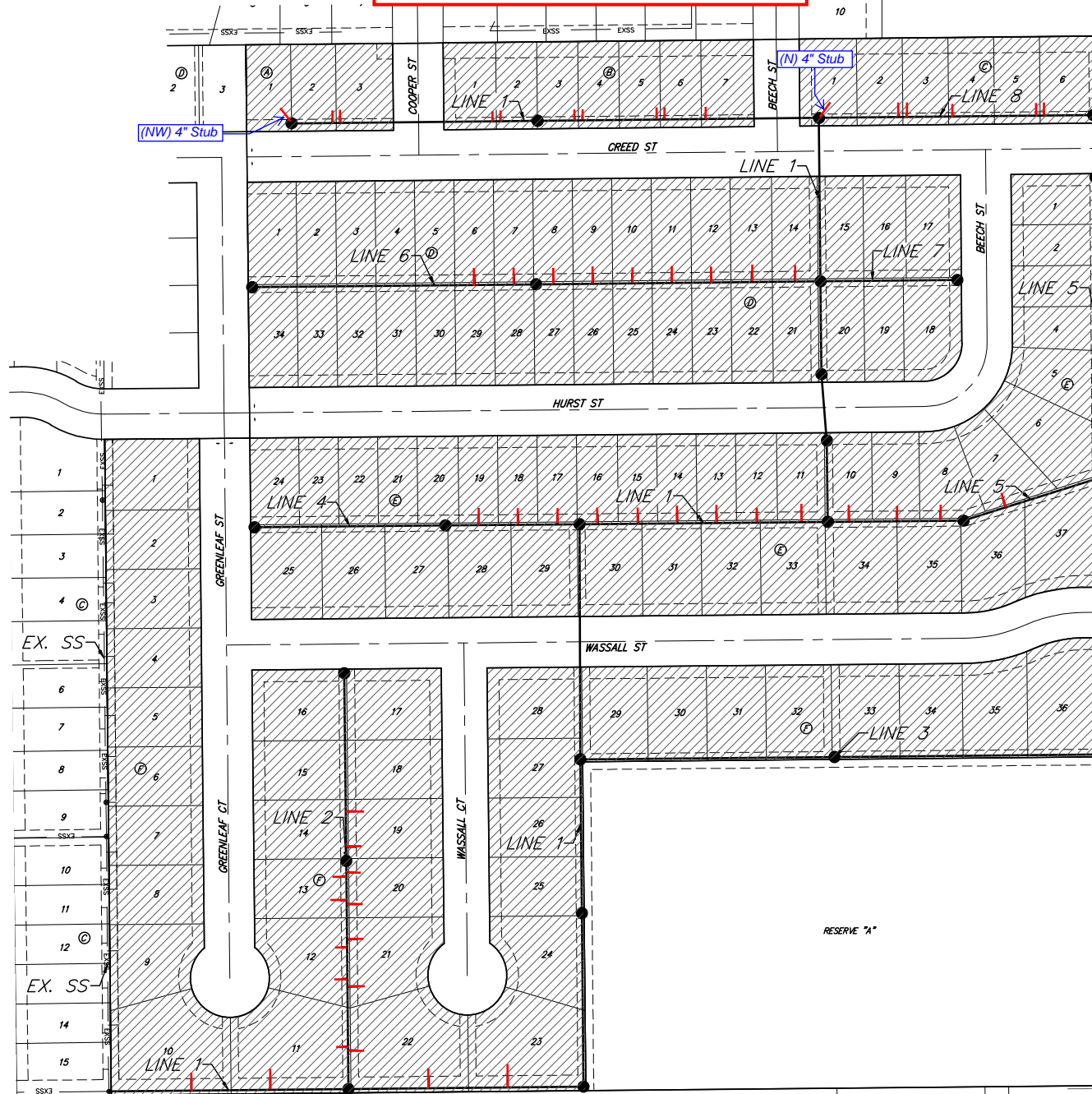
- Sanitary Sewer by This Contract
- SWD Grading & Storm Sewer by This Contract
- Water Project by This Contract
- Paving by Other Contract

BENEFIT DISTRICT



June 12, 2023

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



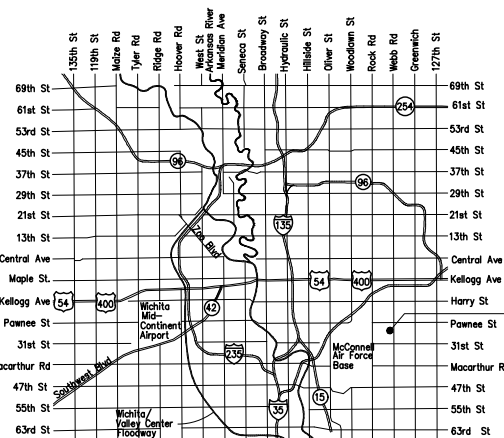
Pipe, SS 8" = 6,380 LF
 Riser Assembly 4", MH Stub = 2 Each.
 Riser Assembly 4", Vertical = 52 Each.
 MH, Standard SS (4') = 9 Each
 MH, Shallow SS (4') = 16 Each

BENCHMARKS

BM-1#
 SQUARE CUT ON TOP OF CURB 119.3 1/2' N. & 6.4 1/2' W. OF SE. COR., LOT 7, BLOCK 2, TURTLE RUN 3RD ADDITION.
 ELEV. = 1396.32 NAVD88

BM-2#
 SQUARE CUT ON TOP OF CURB 118.4 1/2' N. OF SE. COR., LOT 6, BLOCK 2, TURTLE RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88

Construction Staking By:
 City of Wichita (COW)



VICINITY MAP



Construction Engineering Division
 1801 S. McLean Blvd., Suite B
 Wichita KS, 67213
 (316) 268-4027

Sanitary Sewer Riser Table

Project Name: WDS_SWS_SS to serve Towne Park 10th Addition
Project Location: So of Pawnee Ave, W of Webb Road
Project No: 488-2023-005530_458-2023-085536_468-2023-005533
MUNIS No: E3094/47121123_E3093/47311923_E3092/47268823
Contractor: Nowak Construction
Inspector: Fred Smith (Baughman Co)

Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)	Vertical Offset	Distance from		Comment
					Upstream MH	Downstream MH	
1	EX.	2+75.8					Work Not Done per Addendum #1
2	EX.	3+37.8					
3	EX.	3+99.8					
4	EX.	4+24.8					
5	EX.	4+93.0					
6	EX.	5+67.9					
7	EX.	6+20.0					
8	EX.	0+20					
9	EX.	0+67.0					
10	EX.	1+35.0					
11	EX.	2.39.0					
12	1	1+04.0	15.8 LT		197.9	107.0	Tee @ Main SS Pipe
13	1	2+04.9	17.9 LT		99.2	205.7	Tee @ Main SS Pipe
14	1	4+05.9	16.4 LT		197.5	98.9	Tee @ Main SS Pipe
15	1	5+05.9	16.1 LT		96.8	199.6	Tee @ Main SS Pipe
16	1	13+37.8	13.2 LT		292.4	22.9	Tee @ Main SS Pipe
17	1	13+88.8	14.0 LT		241.0	74.3	Tee @ Main SS Pipe
18	1	14.38.8	13.9 LT		191.5	123.8	Tee @ Main SS Pipe
19	1	14+88.8	13.2 LT		140.6	174.8	Tee @ Main SS Pipe
20	1	15+39.8	12.7 LT		89.9	225.4	Tee @ Main SS Pipe
21	1	15+96.1	12.7 LT		31.9	283.5	Tee @ Main SS Pipe
22	1	22+85.2	5.0 RT		215.1	141.2	Tee @ Main SS Pipe
23	1	23+37.2	5.0 RT		160.8	195.5	Tee @ Main SS Pipe
24	1	23+47.2	4.8 RT		149.9	206.3	Tee @ Main SS Pipe
25	1	24+41.2	5.6 RT		56.2	300.1	Tee @ Main SS Pipe
26	1	24+51.2	5.1 RT		46.1	310.2	Tee @ Main SS Pipe
27	1	25+45.2	5.7 RT		264.6	46.6	Tee @ Main SS Pipe
28	1	25+55.2	5.7 RT		253.7	57.5	Tee @ Main SS Pipe
29	1	27+48.3	5.3 RT		59.4	251.8	Tee @ Main SS Pipe
30	1	27+58.3	5.9 RT		50.2	261.0	Tee @ Main SS Pipe
31	1	28+10.2	3.5 RT		NW SE Stub @ MH		4" Stub
32	2	0+48.9	14.9 RT		238.3	51.6	Tee @ Main SS Pipe
33	2	0+53.9	8.5 LT		234.1	55.9	Tee @ Main SS Pipe
34	2	1+29.8	14.7 RT		161.2	128.7	Tee @ Main SS Pipe
35	2	1+39.8	8.9 LT		151.9	138.1	Tee @ Main SS Pipe
36	2	1+79.8	8.4 LT		110.4	179.6	Tee @ Main SS Pipe
37	2	1+89.8	14.5 RT		101.3	188.7	Tee @ Main SS Pipe



Construction Engineering Division
 1801 S. McLean Blvd., Suite B
 Wichita KS, 67213
 (316) 268-4027

Sanitary Sewer Riser Table

Project Name: WDS_SWS_SS to serve Towne Park 10th Addition
Project Location: So of Pawnee Ave, W of Webb Road
Project No: 488-2023-005530_458-2023-085536_468-2023-005533
MUNIS No: E3094/47121123_E3093/47311923_E3092/47268823
Contractor: Nowak Construction
Inspector: Fred Smith (Baughman Co)

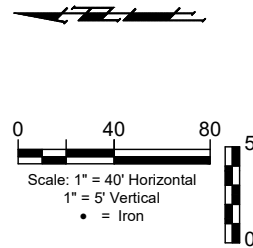
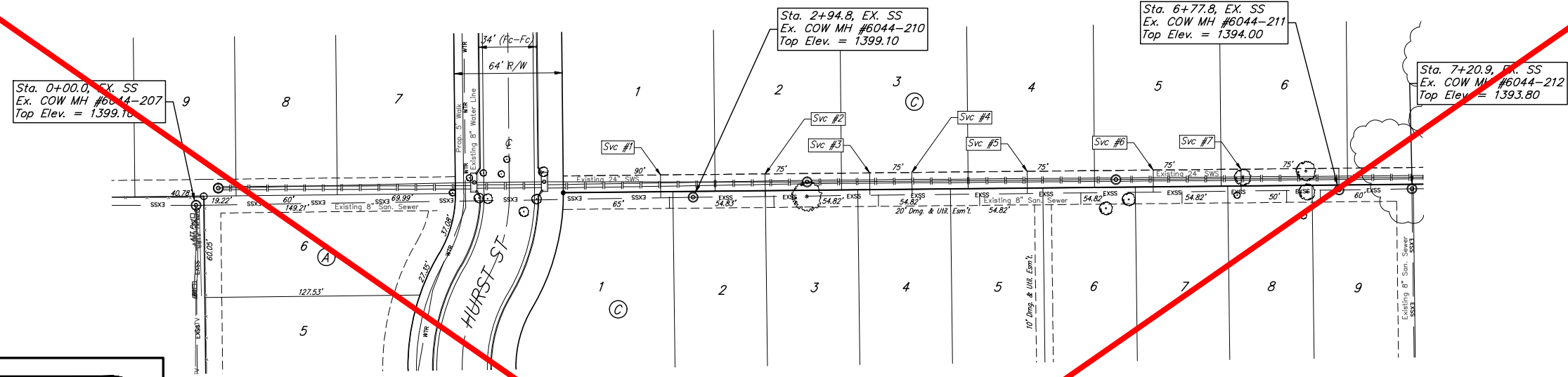
Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)	Vertical Offset	Distance from		Comment
					Upstream MH	Downstream MH	
38	2	2+34.4	14.7 RT		54.2	235.8	Tee @ Main SS Pipe
39	2	2+39.4	8.9 LT		49.6	240.3	Tee @ Main SS Pipe
40	2	2+69.4	7.9 LT		21.6	268.4	Tee @ Main SS Pipe
41	2	2+74.4	14.6 RT		15.7	274.2	Tee @ Main SS Pipe
42	2	3+06.9	14.3 RT		219.3	17.8	Tee @ Main SS Pipe
43	2	3+51.9	14.0 RT		173.2	63.9	Tee @ Main SS Pipe
44	4	0+28.0	13.0 RT		141.3	28.1	Tee @ Main SS Pipe
45	4	0+78.0	13.3 RT		91.8	77.6	Tee @ Main SS Pipe
46	4	1+28.0	13.0 RT		40.4	129.0	Tee @ Main SS Pipe
47	5	0+27.0	12.7 LT		145.2	25.8	Tee @ Main SS Pipe
48	5	0+88.0	13.7 LT		83.4	87.6	Tee @ Main SS Pipe
49	5	1+43.0	13.4 LT		30.0	141.0	Tee @ Main SS Pipe
50	5	2+28.1	13.7 LT		123.7	55.8	Tee @ Main SS Pipe
51	6	0+32.0	12.4 RT		327.7	32.5	Tee @ Main SS Pipe
52	6	0+87.3	13.0 RT		274.6	85.6	Tee @ Main SS Pipe
53	6	1+38.6	12.8 RT		220.6	139.6	Tee @ Main SS Pipe
54	6	1+88.6	13.8 RT		170.3	189.9	Tee @ Main SS Pipe
55	6	2+38.6	13.2 RT		120.4	239.8	Tee @ Main SS Pipe
56	6	2+88.6	13.2 RT		70.3	289.8	Tee @ Main SS Pipe
57	6	3+38.6	13.7 RT		20.4	339.8	Tee @ Main SS Pipe
58	6	3+88.6	13.7 RT		330.3	31.2	Tee @ Main SS Pipe
59	6	4+38.6	13.4 RT		276.4	85.1	Tee @ Main SS Pipe
60	8	0+00.0	3.5 LT		N Stub @ MH		4" Stub
61	8	1+01.4	4.8 LT		245.6	103.7	Tee @ Main SS Pipe
62	8	1+11.4	4.9 LT		236.0	113.3	Tee @ Main SS Pipe
63	8	1+69.4	4.6 LT		180.5	168.7	Tee @ Main SS Pipe
64	8	2+75.4	4.5 LT		71.9	277.4	Tee @ Main SS Pipe
65	8	2+85.4	3.6 LT		62.8	286.5	Tee @ Main SS Pipe

BENCHMARKS:
 BM-1#
 SQUARE CUT ON TOP OF CURB 119.3'± N.
 & 6.4'± W. OF SE. COR., LOT 7, BLOCK 2,
 TURTLE RUN 3RD ADDITION.
 ELEV. = 1390.32 NAVD88

BM-2#
 SQUARE CUT ON TOP OF CURB 118.4'± N.
 OF SE. COR., LOT 6, BLOCK 2, TURTLE
 RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88

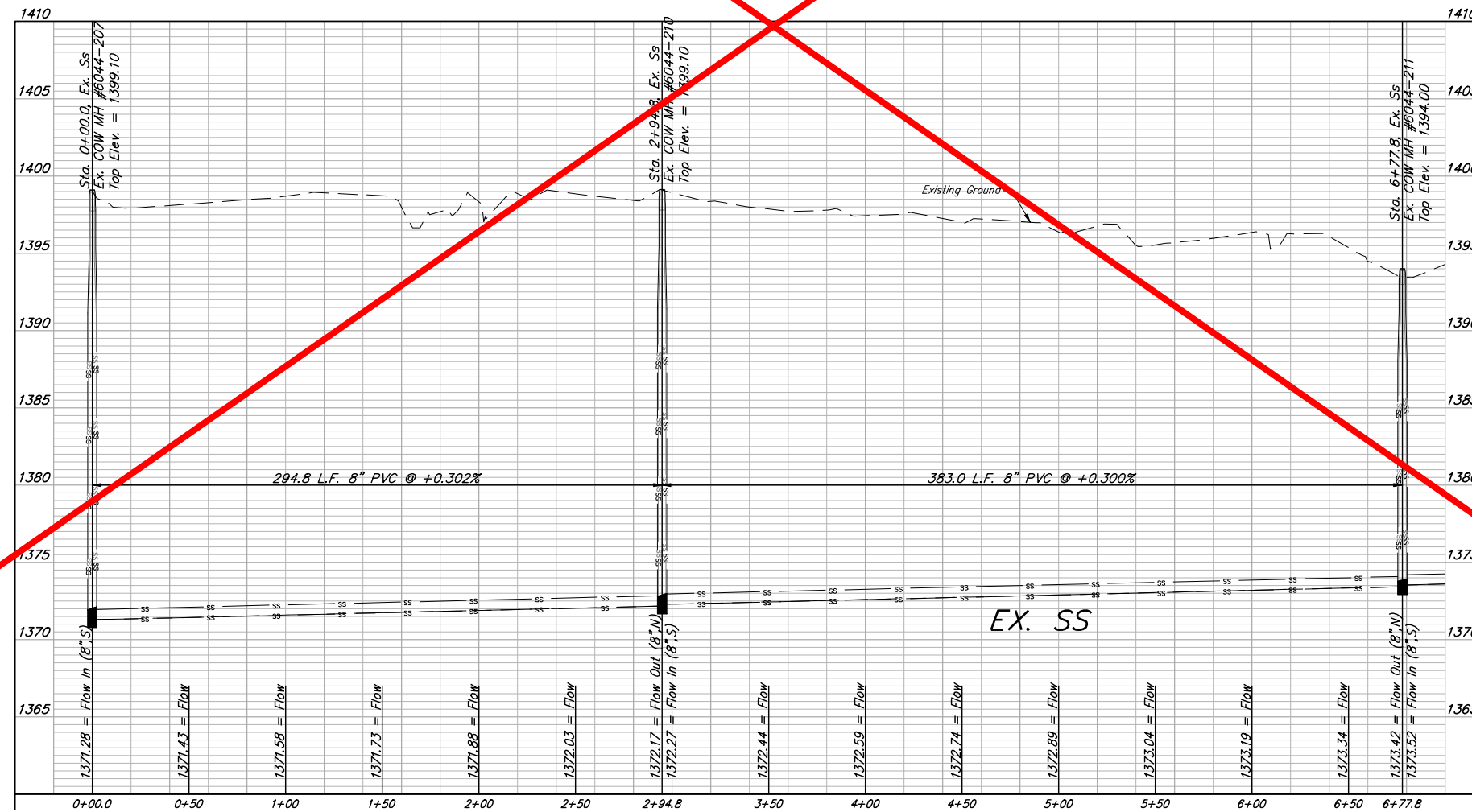
DID NOT DO PER ADDENDUM #1

TOWNE PARC 10TH ADDITION



FOR REFERENCE ONLY

TOWNE PARC 9TH ADDITION





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

TOWNE PARC 10TH ADDITION

EX. SS

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
468-2023-005533

DESIGN: NBW DRAWN: JLD

DATE: June 12, 2023

SHEET OF
02 25

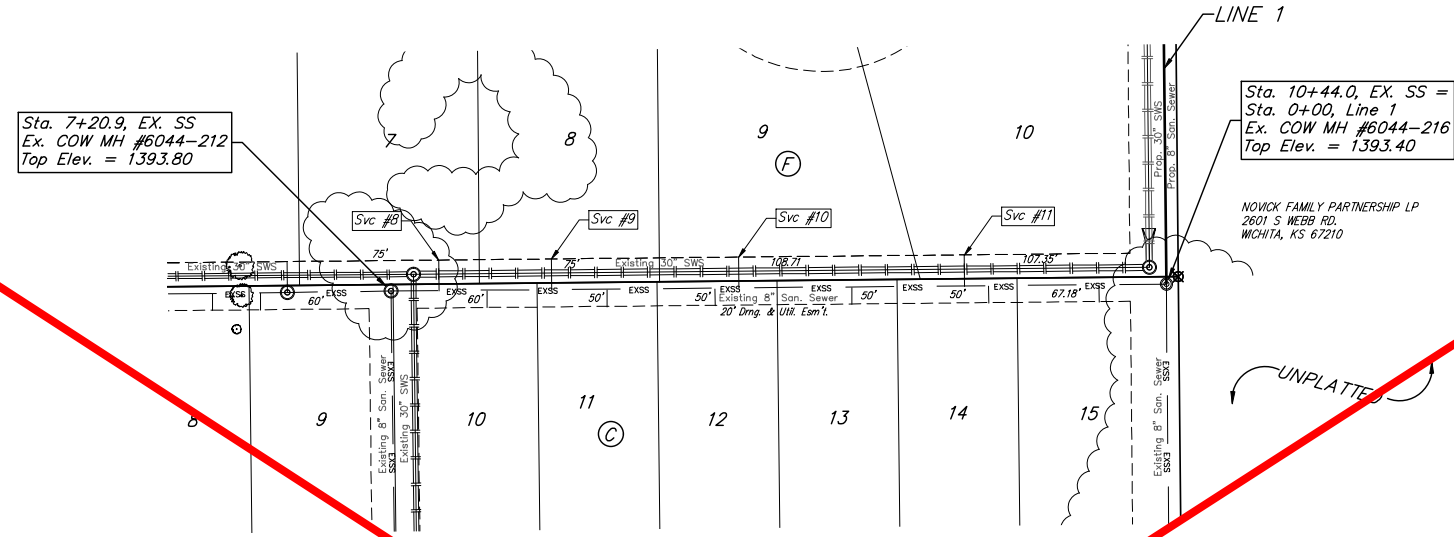
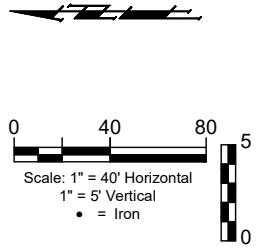
File: E:\Projects\Towne Parc 10th Addition_22-01-P743\Engineering\PHASE 1\SS_22-11-E3533SS.dwg

BENCHMARKS:
 BM-1#
 SQUARE CUT ON TOP OF CURB 119.3'± N.
 & 6.4'± W. OF SE. COR., LOT 7, BLOCK 2,
 TURTLE RUN 3RD ADDITION.
 ELEV. = 1390.32 NAVD88

BM-2#
 SQUARE CUT ON TOP OF CURB 118.4'± N.
 OF SE. COR., LOT 6, BLOCK 2, TURTLE
 RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88

DID NOT DO PER ADDENDUM #1

TOWNE PARC 10TH ADDITION



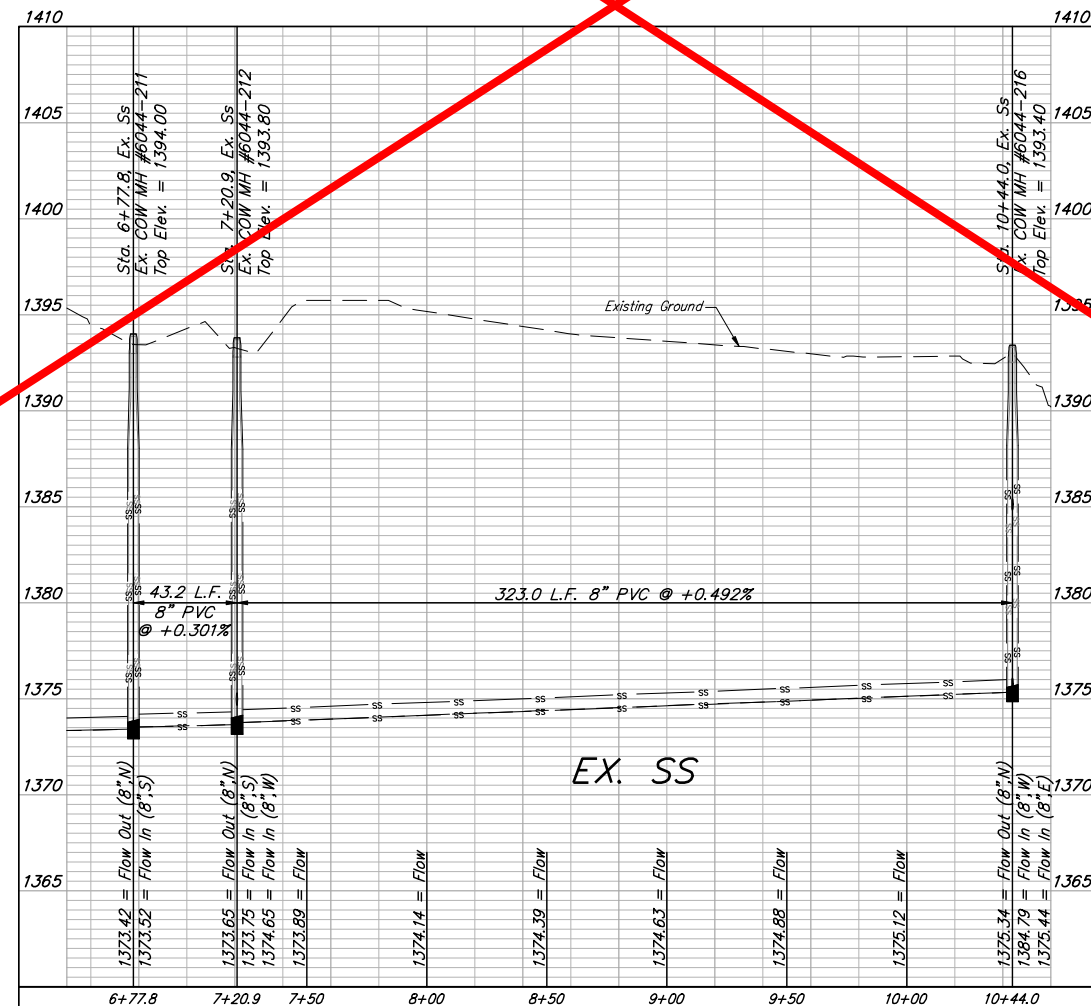
TOWNE PARC 9TH ADDITION

FOR REFERENCE ONLY

SANITARY SEWER EXISTING SERVICE INFORMATION

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE VERTICAL	HORIZONTAL
1	8" X 4" Tee	1	F	EX.	2+75.8/Lt.	24.0'	13.0'
2	8" X 4" Tee	2	F	EX.	3+37.8/Lt.	23.0'	13.0'
3	8" X 4" Tee	3	F	EX.	3+99.8/Lt.	22.0'	13.0'
4	8" X 4" Tee	3	F	EX.	4+24.8/Lt.	22.0'	13.0'
5	8" X 4" Tee	4	F	EX.	4+93.0/Lt.	20.0'	13.0'
6	8" X 4" Tee	5	F	EX.	5+67.9/Lt.	18.0'	13.0'
7	8" X 4" Tee	6	F	EX.	6+20.0/Lt.	18.0'	13.0'
8	8" X 4" Tee	7	F	EX.	0+20.0/Lt.	16.5'	13.0'
9	8" X 4" Tee	8	F	EX.	0+67.0/Lt.	16.5'	13.0'
10	8" X 4" Tee	9	F	EX.	1+35.0/Lt.	15.4'	13.0'
11	8" X 4" Tee	10	F	EX.	2+39.0/Lt.	15.8'	13.0'

NOTE: Existing Sanitary Sewer Service information is based on Towne Parc 8th and Towne Parc 9th Sanitary Sewer Improvements. Station/Direction does not depict the actual as built locations.



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

TOWNE PARC 10TH ADDITION

EX. SS

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
 468-2023-005533

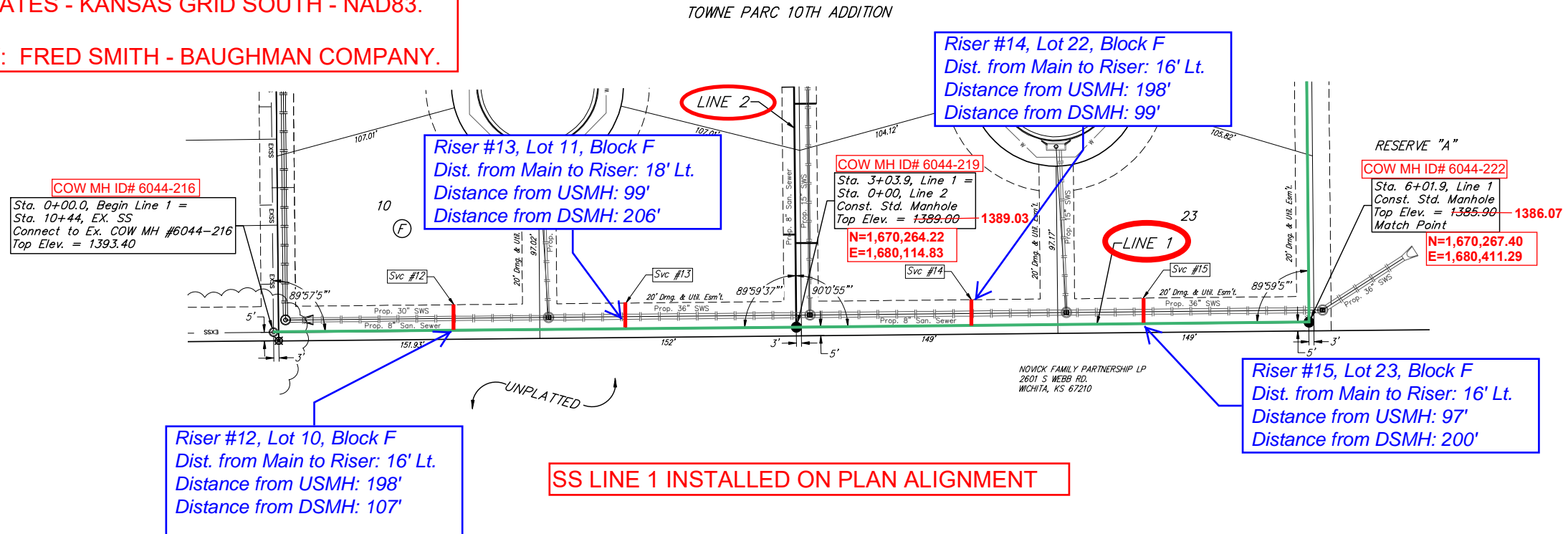
DESIGN: NBW DRAWN: JLD
 DATE: June 12, 2023

SHEET OF
03 25

File: E:\Projects\Towne Parc 10th Addition_22-01-17\43\Engineering\PHASE 1\SS_22-11-E333SS.dwg

BENCHMARKS:
 BM-1#
 SQUARE CUT ON TOP OF CURB 119.3'± N.
 & 6.4'± W. OF SE. COR., LOT 7, BLOCK 2,
 TURTLE RUN 3RD ADDITION.
 ELEV. = 1390.32 NAVD88
 BM-2#
 SQUARE CUT ON TOP OF CURB 118.4'± N.
 OF SE. COR., LOT 6, BLOCK 2, TURTLE
 RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88

NOTE:
 NORTHING AND EASTING COORDINATES ARE
 STATE PLANE COORDINATES - KANSAS GRID SOUTH - NAD83.
 ELEVATIONS: NAVD88.
 GPS SURVEY SHOTS BY: FRED SMITH - BAUGHMAN COMPANY.

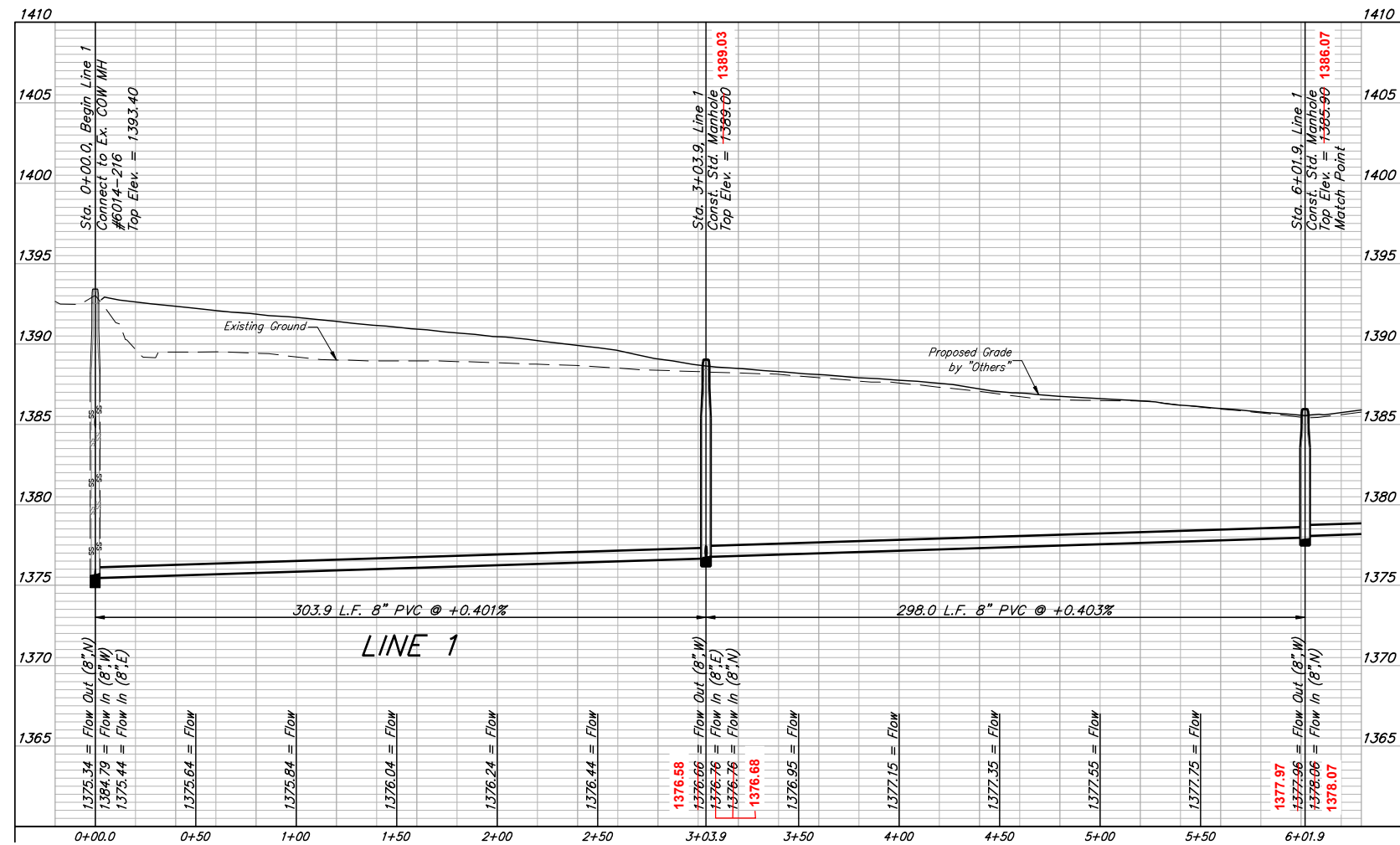


SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
12	8" X 4" Tee	10	F	1	1+04.9/Lt.	11.2'	-15' 15.8'
13	8" X 4" Tee	11	F	1	2+04.9/Lt.	9.6'	-15' 17.9'
14	8" X 4" Tee	22	F	1	4+05.9/Lt.	6.1'	-15' 16.4'
15	8" X 4" Tee	23	F	1	5+05.9/Lt.	5.0'	-15' 16.1'

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

SEWER SERVICE RISER COORDINATES
 12: N=1,670,278.19 E=1,679,916.39
 13: N=1,670,281.15 E=1,680,015.10
 14: N=1,670,282.05 E=1,680,213.10
 15: N=1,670,283.14 E=1,680,313.84



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

TOWNE PARC 10TH ADDITION

LINE 1

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
468-2023-005533

DESIGN: NBW DRAWN: JLD

DATE: June 12, 2023

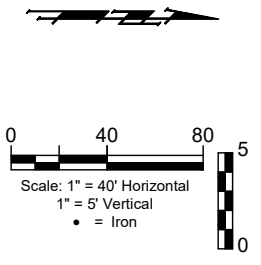
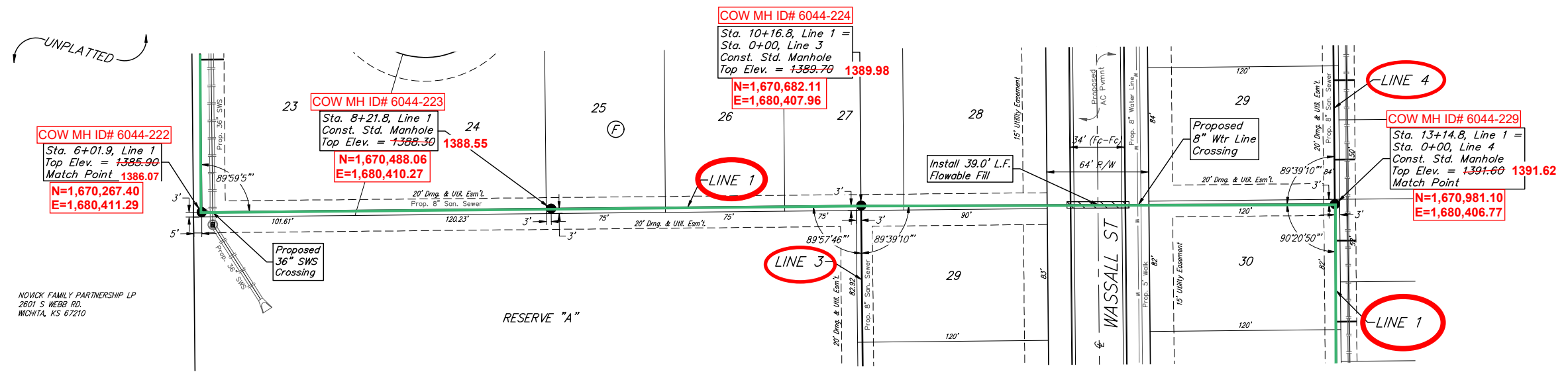
SHEET OF
04 25

File: E:\Projects\Towne Parc 10th Addition_22-01-P743\Engineering\PHASE 1\SS_22-11-E353SS.dwg

BENCHMARKS:
 BM-1#
 SQUARE CUT ON TOP OF CURB 119.3'± N.
 & 6.4'± W. OF SE. COR., LOT 7, BLOCK 2,
 TURTLE RUN 3RD ADDITION.
 ELEV. = 1390.32 NAVD88

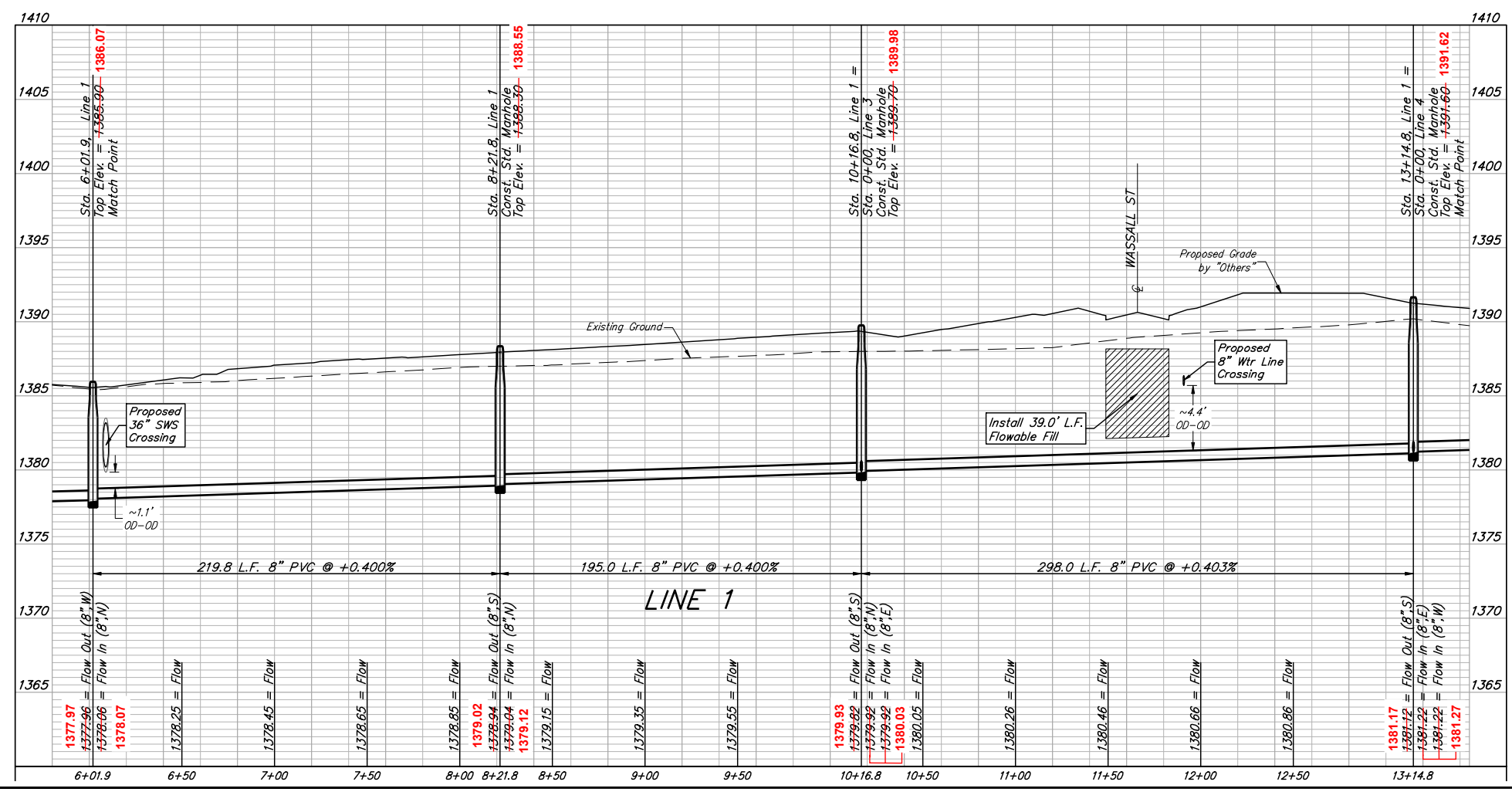
BM-2#
 SQUARE CUT ON TOP OF CURB 118.4'± N.
 OF SE. COR., LOT 6, BLOCK 2, TURTLE
 RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88

TOWNE PARC 10TH ADDITION



NOVICK FAMILY PARTNERSHIP LP
 2601 S WEBB RD.
 WICHITA, KS 67210

SS LINE 1 INSTALLED ON PLAN ALIGNMENT



BRENT WOOLEN
 LICENSED
 8470
 06/12/2023
 KANSAS
 PROFESSIONAL ENGINEER

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

TOWNE PARC 10TH ADDITION

LINE 1

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
 468-2023-005533

DESIGN: NBW DRAWN: JLD

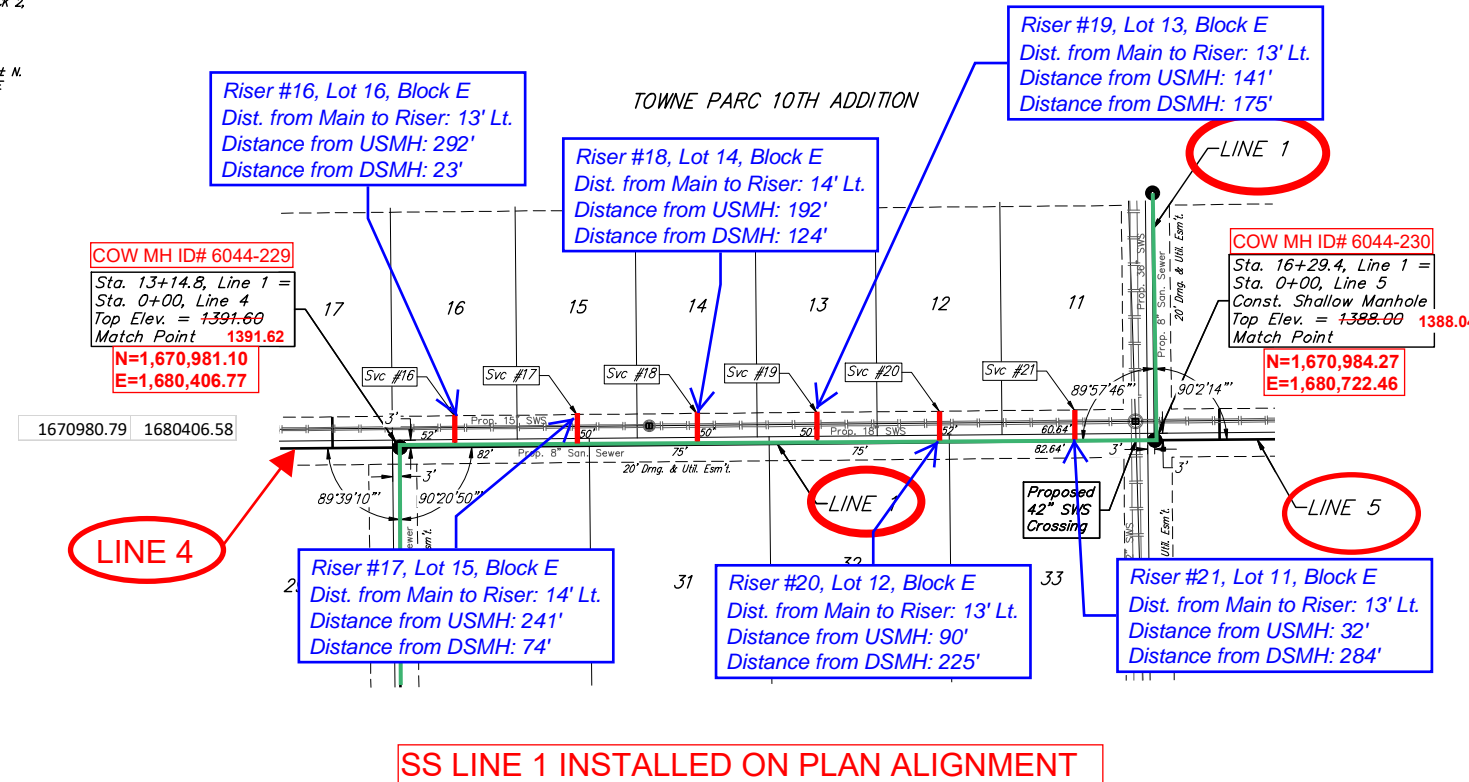
DATE: JUNE 12, 2023

SHEET OF
05 25

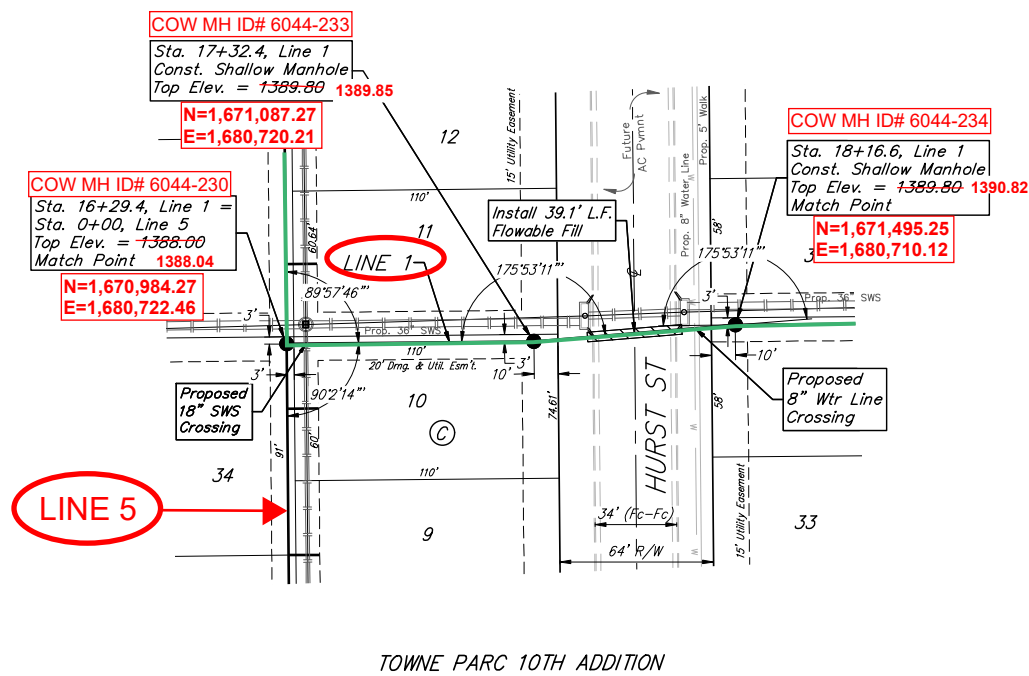
File: E:\Projects\Towne Parc 10th Addition_22-01-P743\Engineering\PHASE 1\SS_22-11-E353\SS.dwg

BENCHMARKS:
 BM-1#
 SQUARE CUT ON TOP OF CURB 119.3'± N.
 & 6.4'± W. OF SE. COR., LOT 7, BLOCK 2,
 TURTLE RUN 3RD ADDITION.
 ELEV. = 1390.32 NAVD88

BM-2#
 SQUARE CUT ON TOP OF CURB 118.4'± N.
 OF SE. COR., LOT 6, BLOCK 2, TURTLE
 RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88



SS LINE 1 INSTALLED ON PLAN ALIGNMENT



SS LINE 1 INSTALLED ON PLAN ALIGNMENT

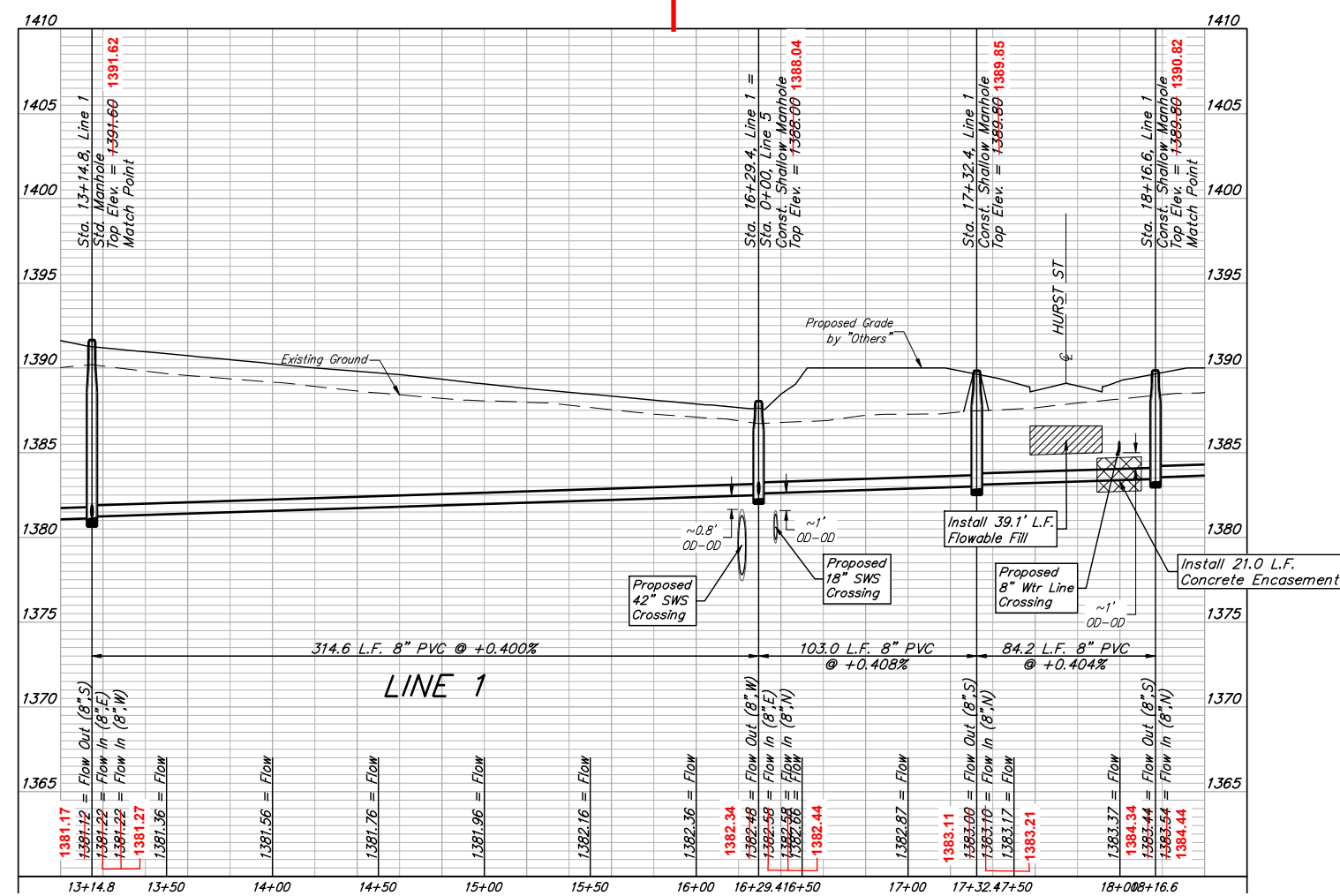
SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY			
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL	HORIZONTAL
16	8" X 4" Tee	16	E	1	13+37.8/Lt.	5.1'	-13'	13.2'
17	8" X 4" Tee	15	E	1	13+88.8/Lt.	4.4'	-13'	14.0'
18	8" X 4" Tee	14	E	1	14+38.8/Lt.	3.7'	-13'	13.9'
19	8" X 4" Tee	13	E	1	14+88.8/Lt.	2.9'	-13'	13.2'
20	8" X 4" Tee	12	E	1	15+39.8/Lt.	2.1'	-13'	12.7'
21	8" X 4" Tee	11	E	1	15+96.1/Lt.	1.3'	-13'	12.7'

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

SEWER SERVICE RISER COORDINATES

16:	N=1,670,994.28	E=1,680,429.36
17:	N=1,670,995.61	E=1,680,480.74
18:	N=1,670,996.17	E=1,680,530.23
19:	N=1,670,996.01	E=1,680,581.19
20:	N=1,670,996.09	E=1,680,631.82
21:	N=1,670,996.76	E=1,680,689.86



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

TOWNE PARC 10TH ADDITION

LINE 1

SANITARY SEWER IMPROVEMENTS
 PROJECT NUMBER:
 468-2023-005533

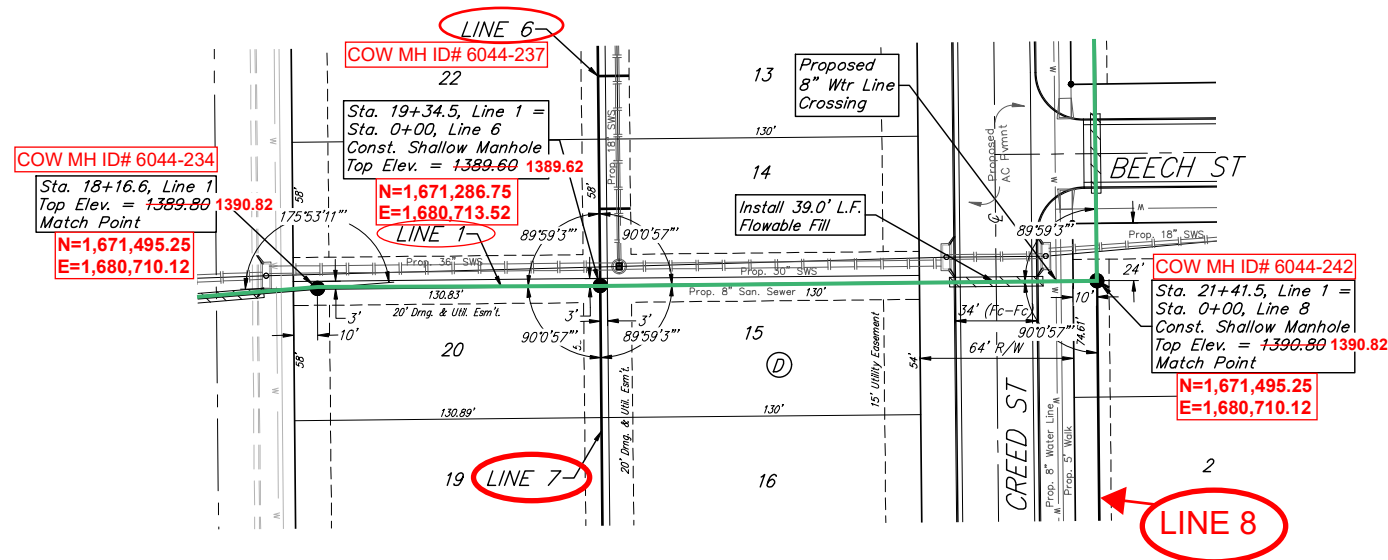
DESIGN: NBW DRAWN: JLD
 DATE: June 12, 2023

SHEET OF
06 25

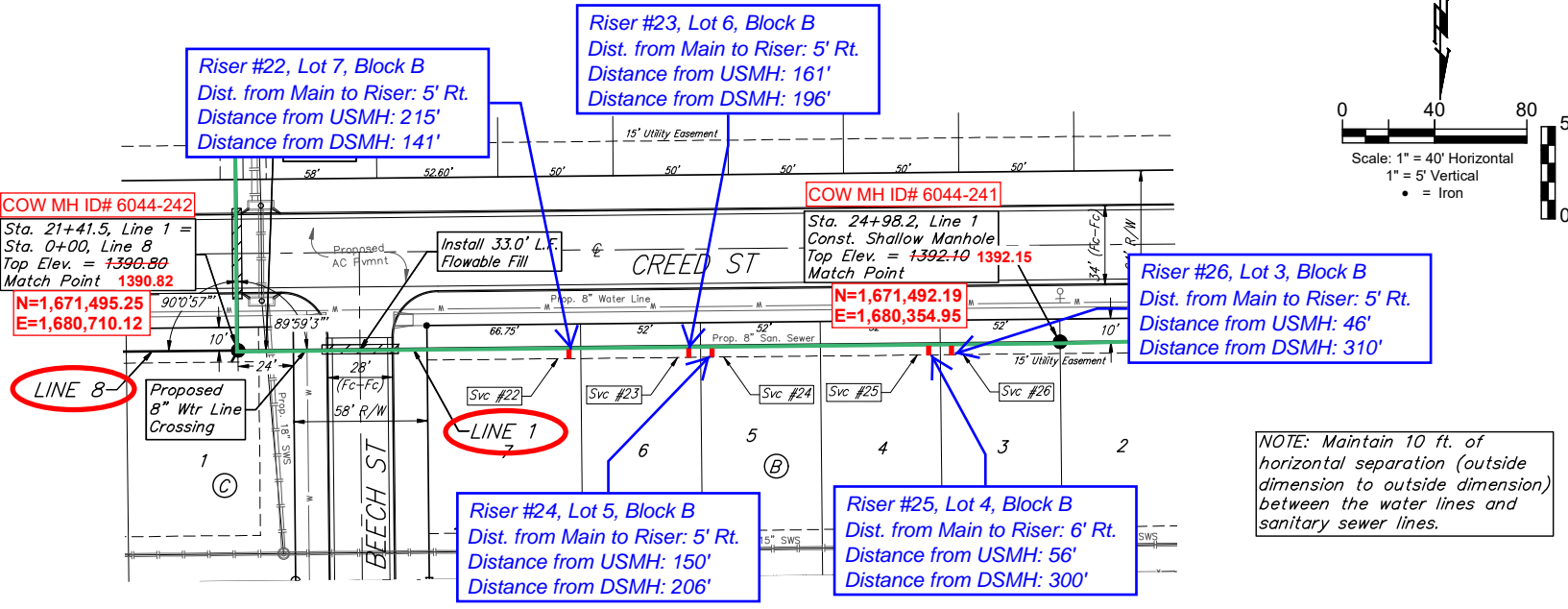
File: E:\Projects\Towne Parc 10th Addition_22-01-P743\Engineering\PHASE 1\SS_22-11-E3535SS.dwg

BENCHMARKS:
 BM-1#
 SQUARE CUT ON TOP OF CURB 119.3'± N.
 & 6.4'± W. OF SE. COR. LOT 7, BLOCK 2,
 TURTLE RUN 3RD ADDITION.
 ELEV. = 1390.32 NAVD88
 BM-2#
 SQUARE CUT ON TOP OF CURB 118.4'± N.
 OF SE. COR. LOT 6, BLOCK 2, TURTLE
 RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88

TOWNE PARC 10TH ADDITION



SS LINE 1 INSTALLED ON PLAN ALIGNMENT



SS LINE 1 INSTALLED ON PLAN ALIGNMENT

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

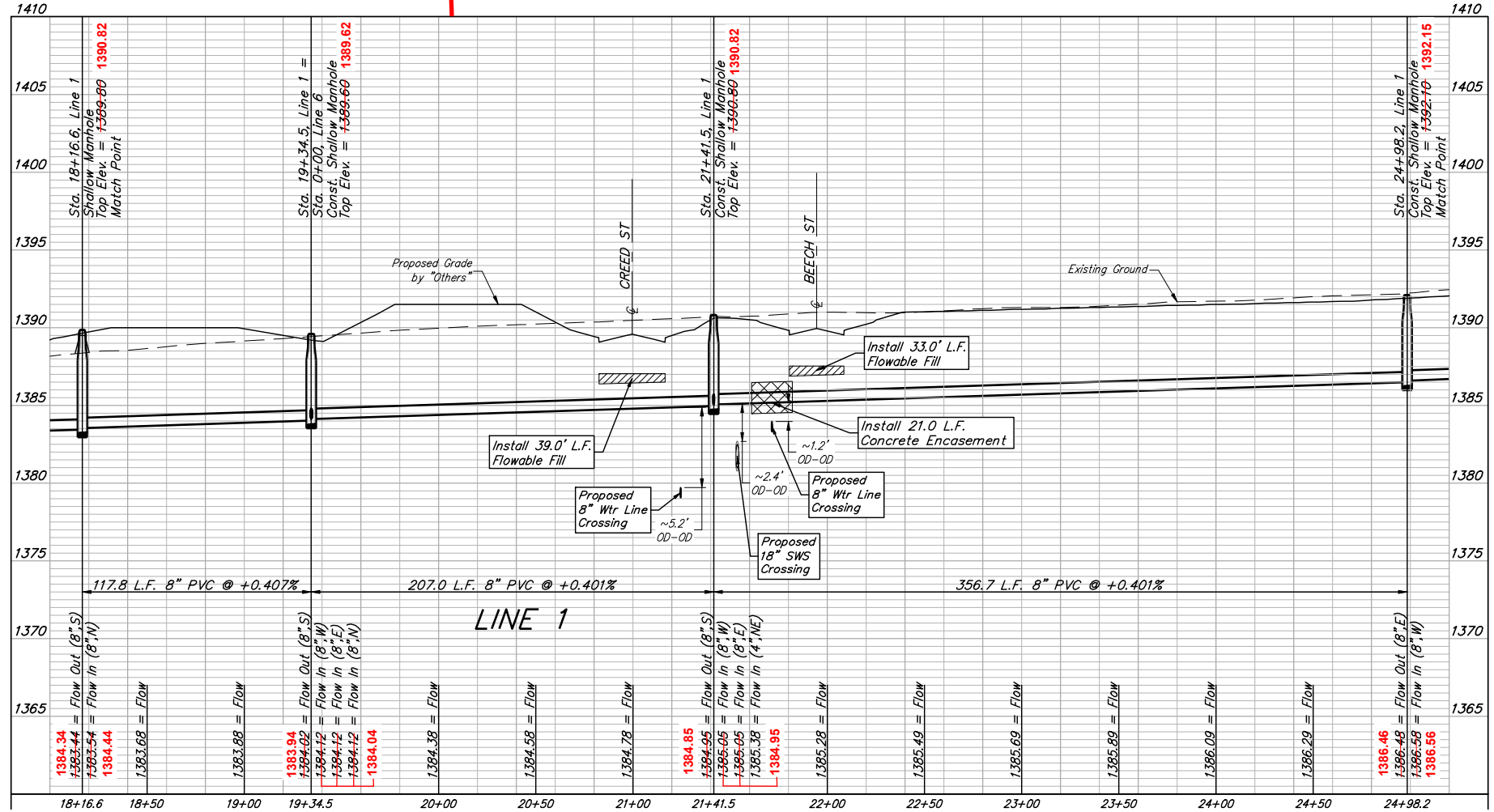
All trench and manhole excavation areas from Sta. 21+41.5 to Sta. 28+10.2, Line 1, excluding 72.0 L.F. Flowable Fill, shall be backfilled with sand. The sand backfill shall be water-jetted and vibrated during backfilling. All costs shall be paid for as L.F. "Fill, Sand (Flushed & Vibrated)".

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE
22	8" X 4" Tee	7	B	1	22+85.2/Rt.	0.7' 5'
23	8" X 4" Tee	6	B	1	23+37.2/Rt.	0.6' 5'
24	8" X 4" Tee	5	B	1	23+47.2/Rt.	0.6' 5'-4.8'
25	8" X 4" Tee	4	B	1	24+41.2/Rt.	0.3' 5'-5.6'
26	8" X 4" Tee	3	B	1	24+51.2/Rt.	0.4' 5'-5.1'

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

SEWER SERVICE RISER COORDINATES
 22: N=1,671,499.30 E=1,680,569.95
 23: N=1,671,498.82 E=1,680,515.65
 24: N=1,671,498.47 E=1,680,504.82
 25: N=1,671,498.32 E=1,680,411.08
 26: N=1,671,497.76 E=1,680,400.96



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

TOWNE PARC 10TH ADDITION

LINE 1

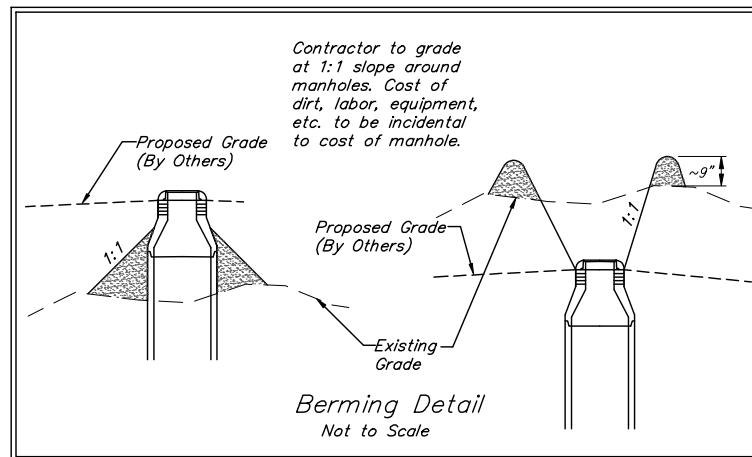
SANITARY SEWER IMPROVEMENTS
 PROJECT NUMBER:
 468-2023-005533

DESIGN: NBW DRAWN: JLD
 DATE: June 12, 2023

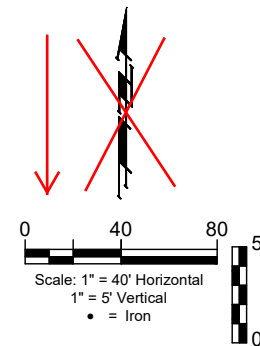
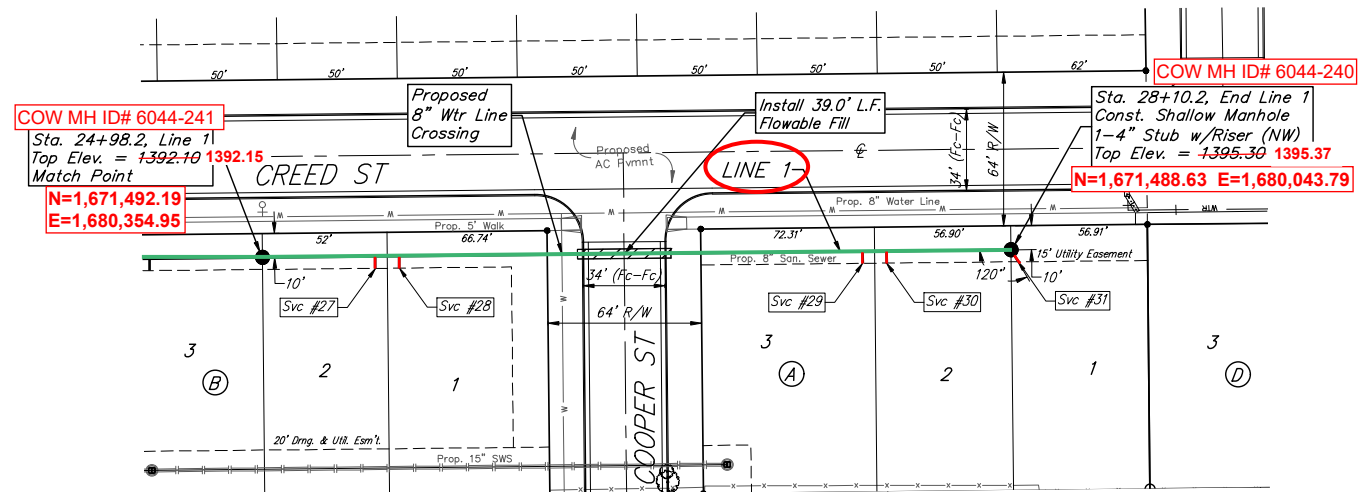
SHEET OF
07 25

File: E:\Projects\Towne Parc 10th Addition_22-01-P743\Engineering\PHASE 1\SS_22-11-E3393SS.dwg

BENCHMARKS:
 BM-1#
 SQUARE CUT ON TOP OF CURB 119.3'± N.
 & 6.4'± W. OF SE. COR. LOT 7, BLOCK 2,
 TURTLE RUN 3RD ADDITION.
 ELEV. = 1390.32 NAVD88
 BM-2#
 SQUARE CUT ON TOP OF CURB 118.4'± N.
 OF SE. COR. LOT 6, BLOCK 2, TURTLE
 RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88



TOWNE PARC 10TH ADDITION



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

SEWER SERVICE TABLE

Distance from Main to Riser (LL/Rt.)	Distance from		NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY			
	USMH	DSMH			LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE		
									VERTICAL	HORIZONTAL	
6' Rt.	265'	47'	27	8" X 4" Tee	2	B	1	25+45.2/Rt.	0.3'	-5'	5.7'
6' Rt.	254'	58'	28	8" X 4" Tee	1	B	1	25+55.2/Rt.	0.4'	-5'	5.7'
5' Rt.	59'	252'	29	8" X 4" Tee	3	A	1	27+48.3/Rt.	1.3'	-5'	5.3'
6' Rt.	50'	261'	30	8" X 4" Tee	2	A	1	27+58.3/Rt.	1.4'	-5'	5.9'
4' Rt.	@ mh	@ mh	31	4" Stub	1	A	1	28+10.2/Rt.	2.8'	-5'	3.5'

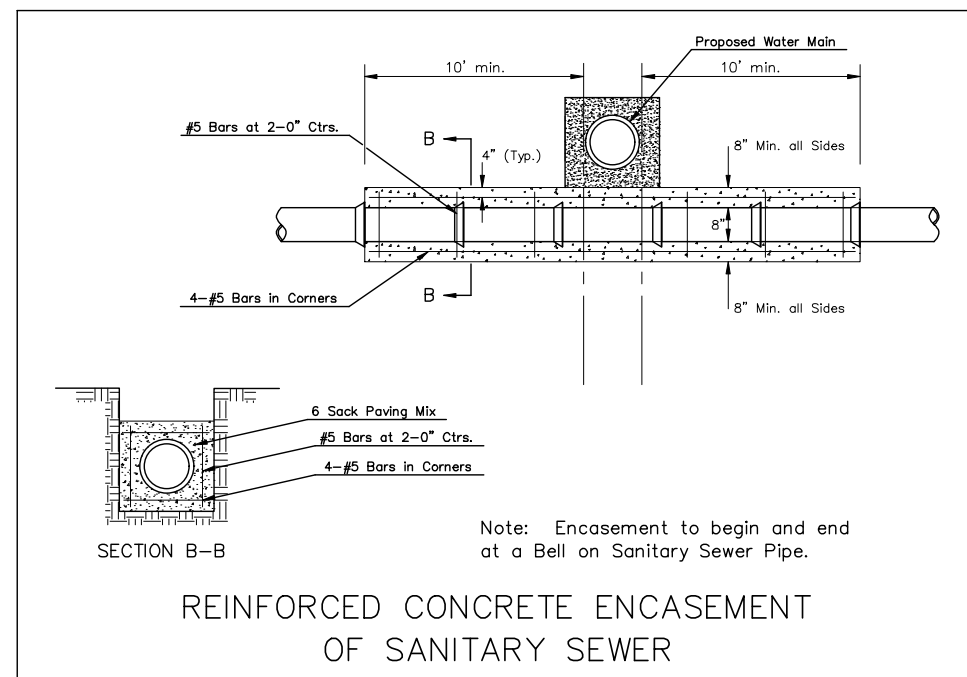
NOTE: Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.

SEWER SERVICE RISER COORDINATES

- 27: N=1,671,497.40 E=1,680,308.28
- 28: N=1,671,497.21 E=1,680,297.44
- 29: N=1,671,494.57 E=1,680,103.15
- 30: N=1,671,495.08 E=1,680,093.94
- 31: N=1,671,492.05 E=1,680,040.02

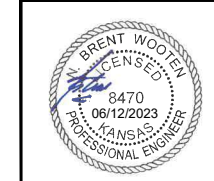
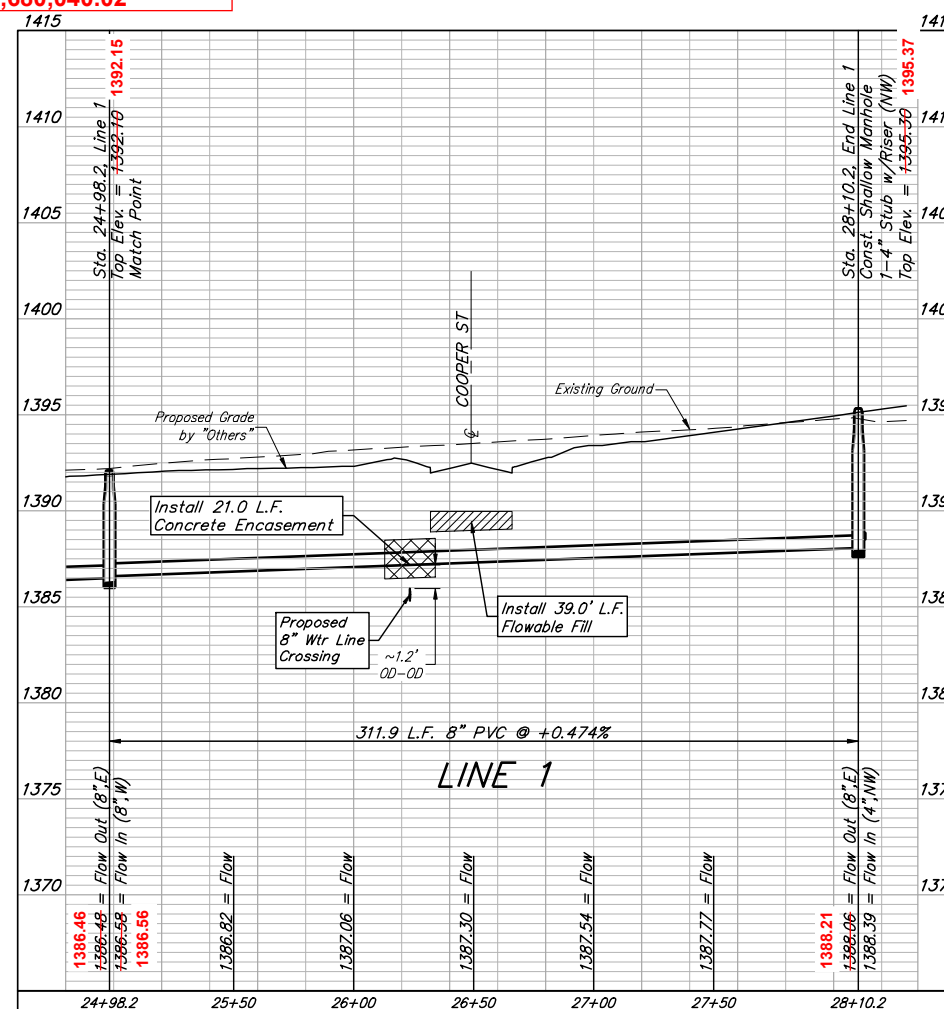
SS LINE 1 INSTALLED ON PLAN ALIGNMENT

All trench and manhole excavation areas from Sta. 21+41.5 to Sta. 28+10.2, Line 1, excluding 72.0 L.F. Flowable Fill, 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).



Note: Encasement to begin and end at a Bell on Sanitary Sewer Pipe.

REINFORCED CONCRETE ENCASUREMENT OF SANITARY SEWER



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

TOWNE PARC 10TH ADDITION

LINE 1

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
468-2023-005533

DESIGN: NBW DRAWN: JLD

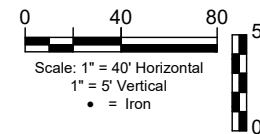
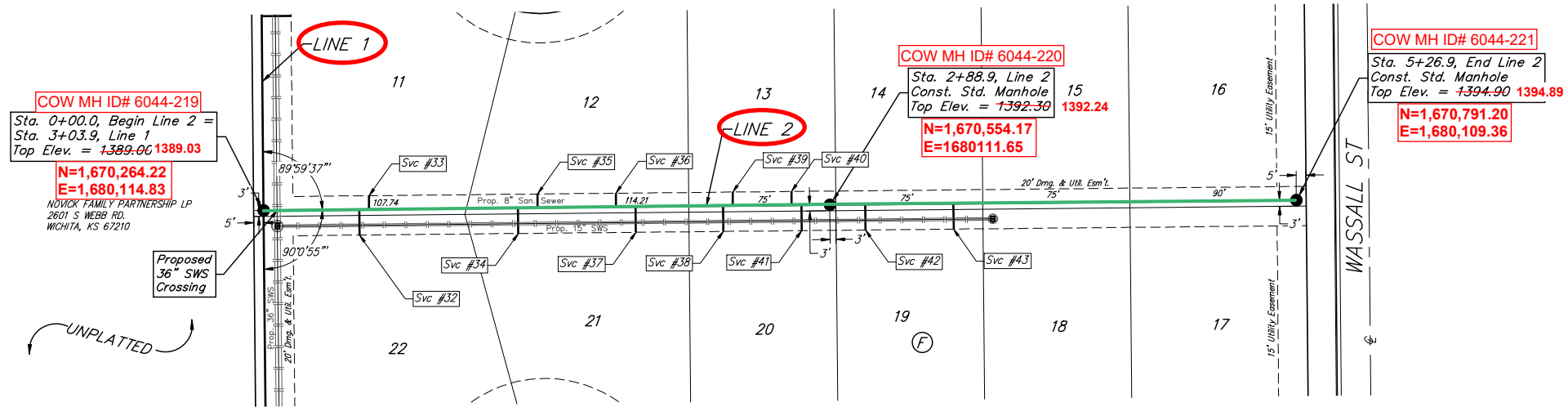
DATE: June 12, 2023

SHEET OF
08 25

File: E:\Projects\Towne Parc 10th Addition_22-01-P743\Engineering\PHASE 1\SS_22-11-E353\SS.dwg

BENCHMARKS:
 BM-1#
 SQUARE CUT ON TOP OF CURB 119.3'± N.
 & 6.4'± W. OF SE. COR., LOT 7, BLOCK 2,
 TURTLE RUN 3RD ADDITION.
 ELEV. = 1390.32 NAVD88
 BM-2#
 SQUARE CUT ON TOP OF CURB 118.4'± N.
 OF SE. COR., LOT 6, BLOCK 2, TURTLE
 RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88

TOWNE PARC 10TH ADDITION



SS LINE 2 INSTALLED ON PLAN ALIGNMENT

SEWER SERVICE RISER COORDINATES

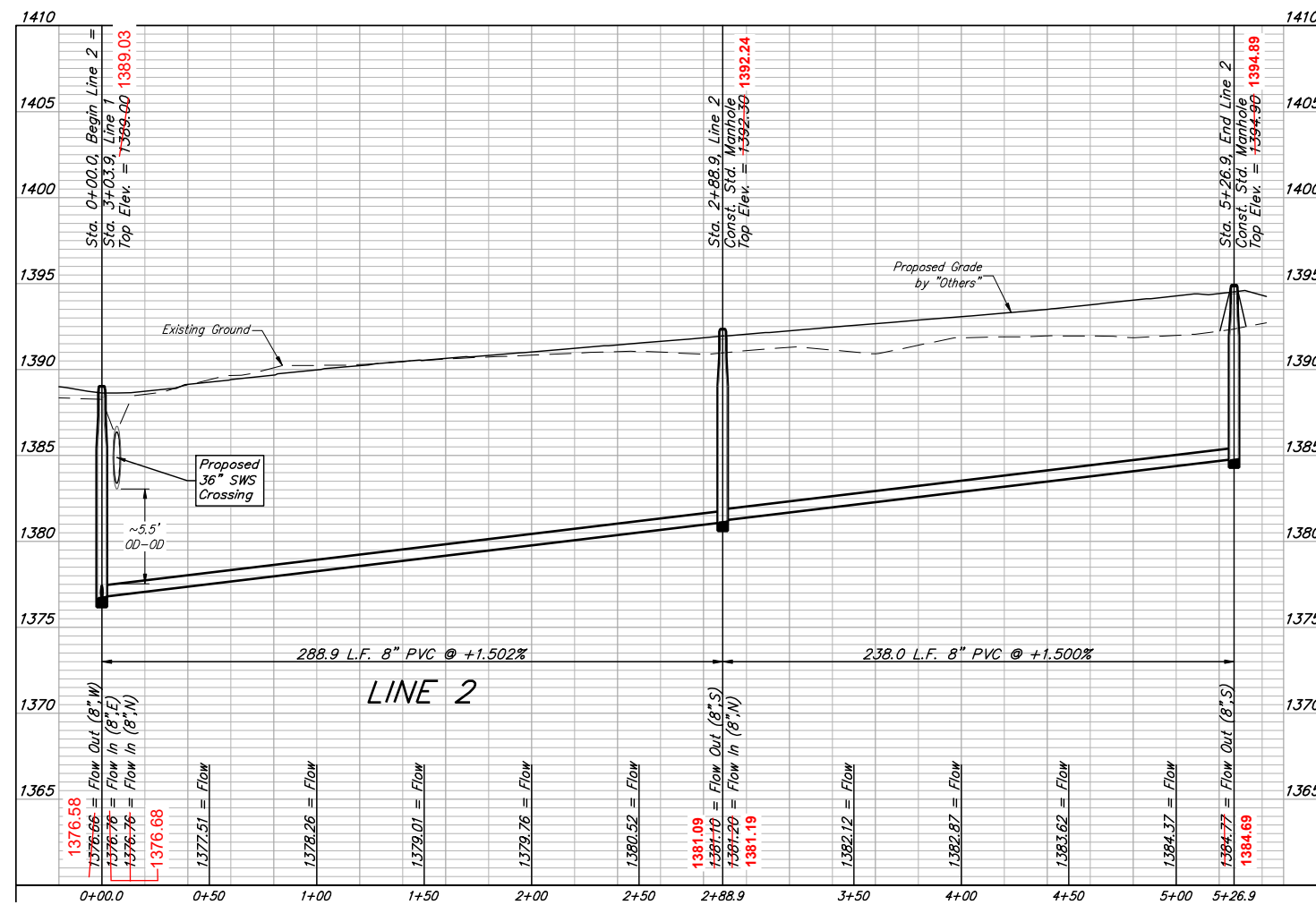
- 32: N=1,670,316.02 E=1,680,129.14
- 33: N=1,670,319.99 E=1,680,105.72
- 34: N=1,670,393.09 E=1,680,128.14
- 35: N=1,670,402.19 E=1,680,104.45
- 36: N=1,670,443.72 E=1,680,104.42
- 37: N=1,670,453.02 E=1,680,127.22
- 38: N=1,670,500.18 E=1,680,126.94
- 39: N=1,670,504.44 E=1,680,103.33
- 40: N=1,670,532.52 E=1,680,103.94
- 41: N=1,670,538.61 E=1,680,126.45
- 42: N=1,670,572.07 E=1,680,125.78
- 43: N=1,670,618.18 E=1,680,125.06

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL
32	8" X 4" Tee	22	F	2	0+48.9/Rt.	6.5'	-13' 14.9'
33	8" X 4" Tee	11	F	2	0+53.9/Lt.	7.1'	-7' 8.5'
34	8" X 4" Tee	21	F	2	1+29.8/Rt.	6.3'	-13' 14.7'
35	8" X 4" Tee	12	F	2	1+39.8/Lt.	7.3'	-7' 8.9'
36	8" X 4" Tee	12	F	2	1+79.8/Lt.	6.9'	-7' 8.4'
37	8" X 4" Tee	21	F	2	1+89.8/Rt.	5.9'	-13' 14.5'
38	8" X 4" Tee	20	F	2	2+34.4/Rt.	5.6'	-13' 14.7'
39	8" X 4" Tee	13	F	2	2+39.4/Lt.	6.6'	-7' 8.9'
40	8" X 4" Tee	13	F	2	2+69.4/Lt.	6.4'	-7' 7.9'
41	8" X 4" Tee	20	F	2	2+74.4/Rt.	5.4'	-13' 14.6'
42	8" X 4" Tee	19	F	2	3+06.9/Rt.	5.2'	-13' 14.3'
43	8" X 4" Tee	19	F	2	3+51.9/Rt.	5.1'	-13' 14.0'

NOTE: Vertical Riser Pipe shall be extended 4' maximum below proposed ground level and

Riser Number	Distance from Main to Riser (Lt./Rt.)	Distance from	
		Upstream MH	Downstream MH
32	15' Rt.	238'	52'
33	9' Lt.	234'	56'
34	15' Rt.	161'	129'
35	9' Lt.	152'	138'
36	8' Lt.	110'	180'
37	15' Rt.	101'	189'
38	15' Rt.	54'	236'
39	9' Lt.	50'	240'
40	8' Lt.	22'	268'
41	15' Rt.	16'	274'
42	14' Rt.	219'	18'
43	14' Rt.	173'	64'



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

TOWNE PARC 10TH ADDITION

LINE 2

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
468-2023-005533

DESIGN: NBW DRAWN: JLD

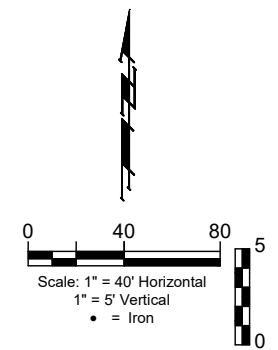
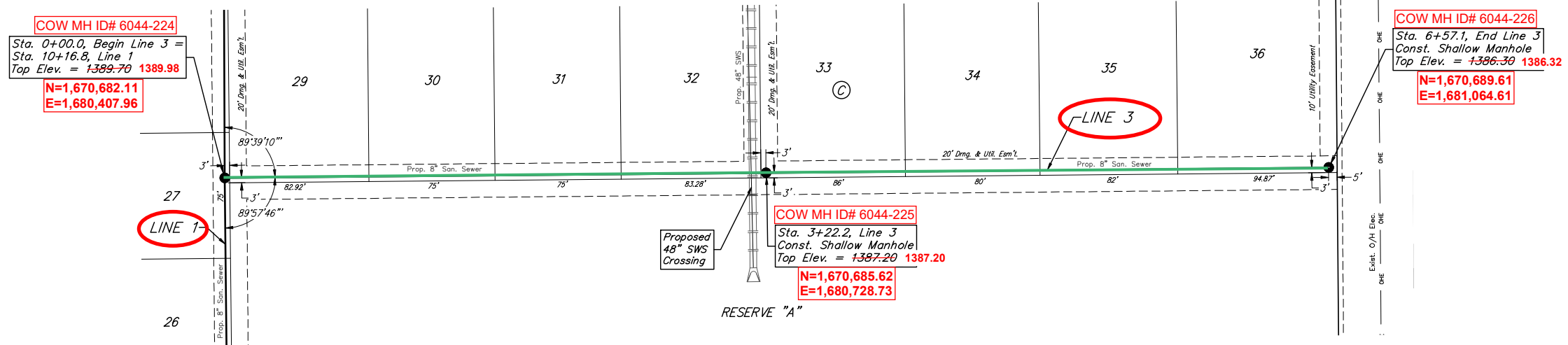
DATE: June 12, 2023

SHEET OF
09 25

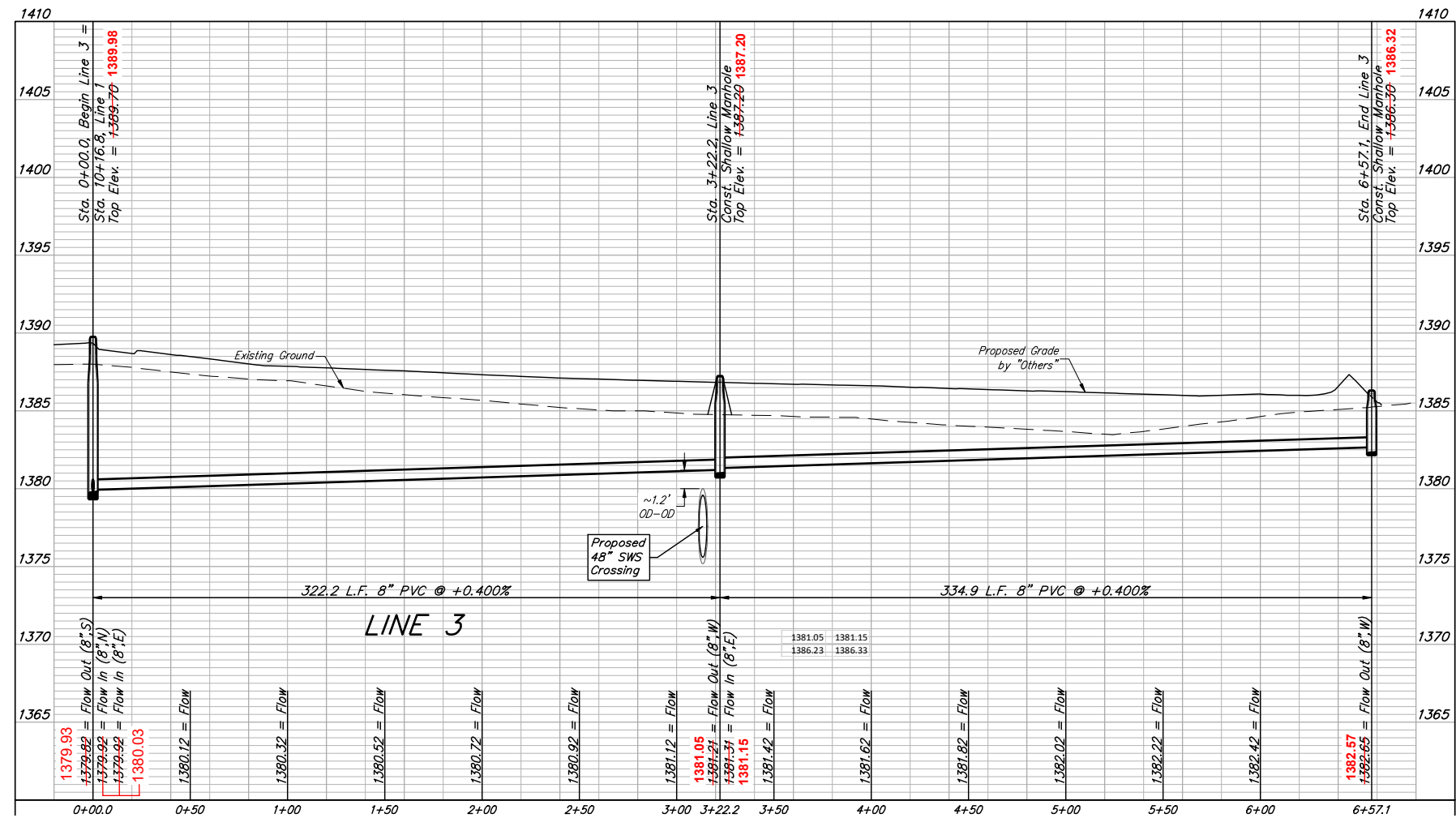
File: E:\Projects\Towne Parc 10th Addition_22-01-P743\Engineering\PHASE 1\SS_22-11-E333SS.dwg

BENCHMARKS:
 BM-1#
 SQUARE CUT ON TOP OF CURB 119.3'± N.
 & 6.4'± W. OF SE. COR., LOT 7, BLOCK 2,
 TURTLE RUN 3RD ADDITION.
 ELEV. = 1390.32 NAVD88
 BM-2#
 SQUARE CUT ON TOP OF CURB 118.4'± N.
 OF SE. COR., LOT 6, BLOCK 2, TURTLE
 RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88

TOWNE PARC 10TH ADDITION



SS LINE 3 INSTALLED ON PLAN ALIGNMENT





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

TOWNE PARC 10TH ADDITION

LINE 3

SANITARY SEWER IMPROVEMENTS

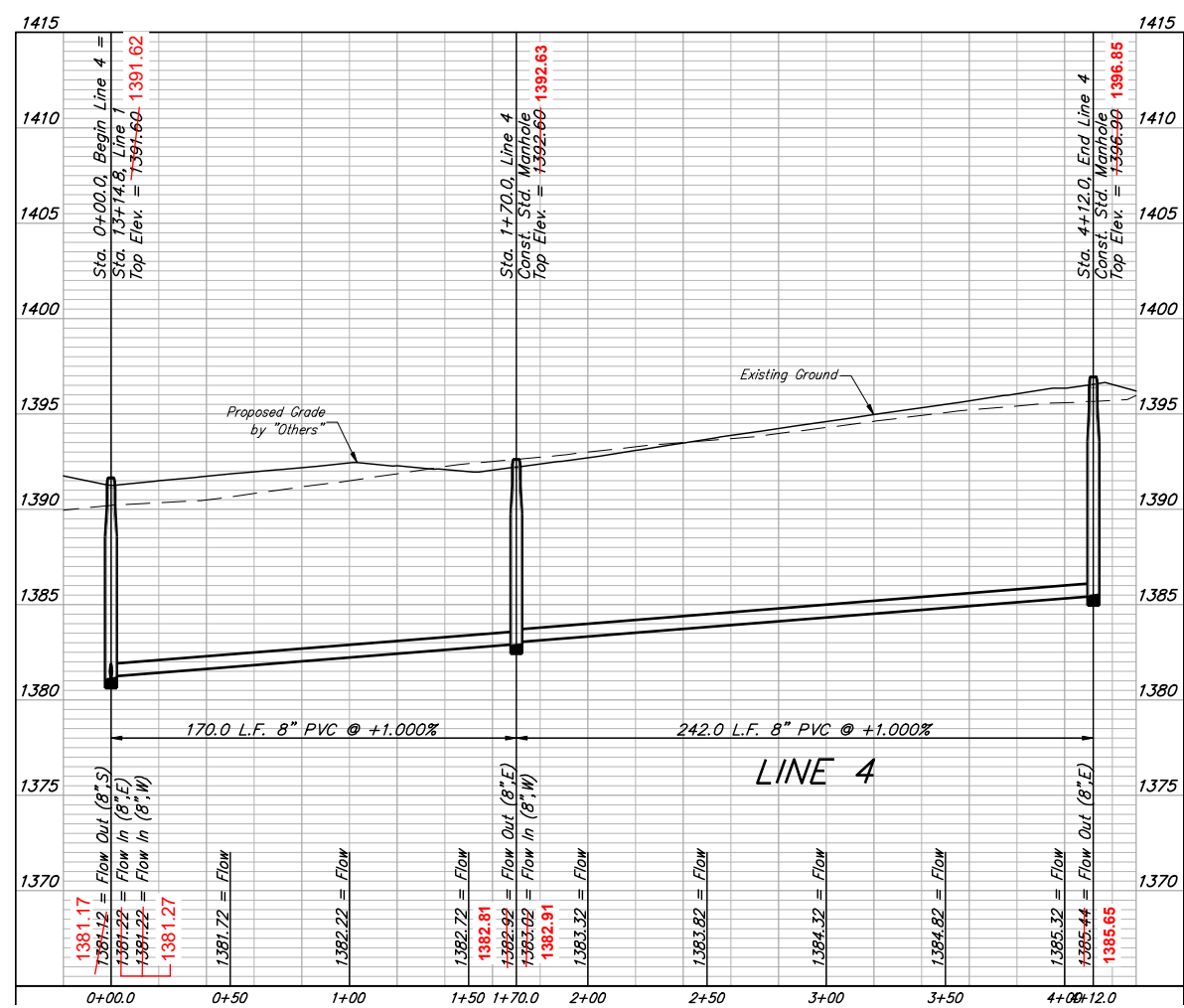
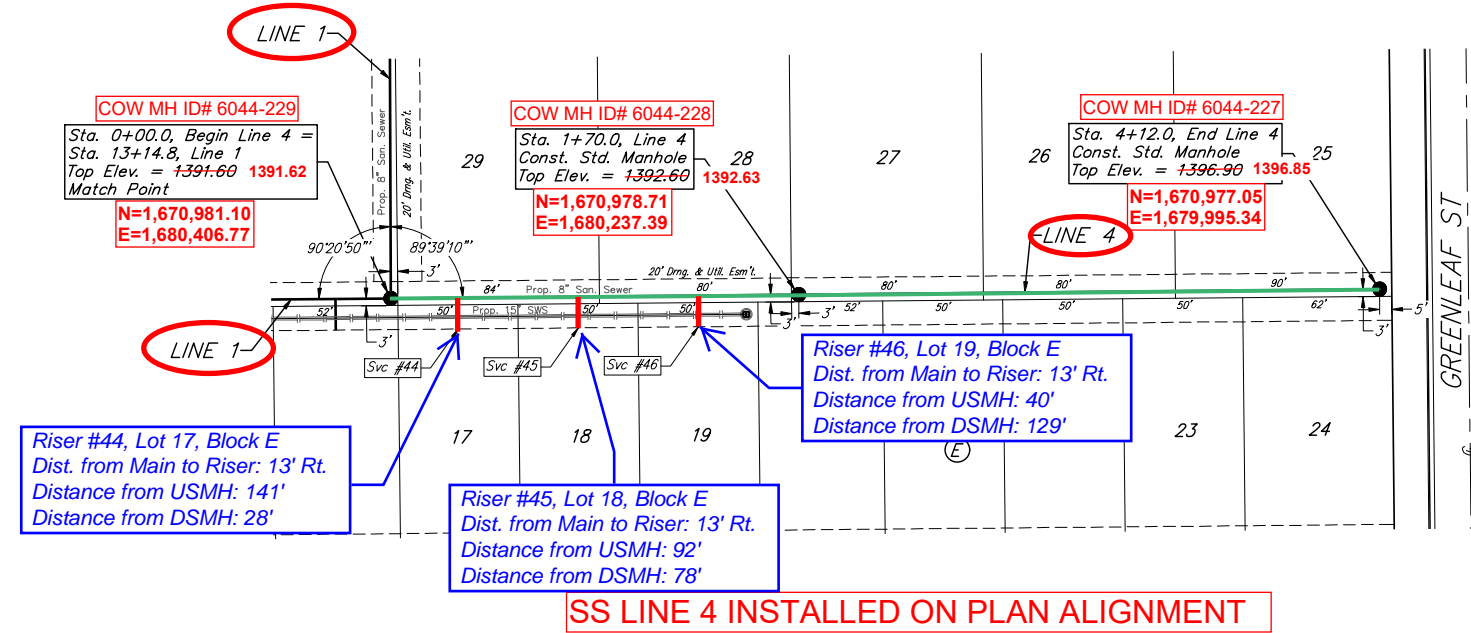
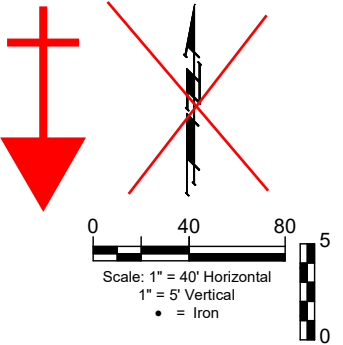
PROJECT NUMBER: 468-2023-005533
 DESIGN: NBW DRAWN: JLD
 DATE: JUNE 12, 2023

SHEET 10 OF 25

File: E:\Projects\Towne Parc 10th Addition_22-01-P743\Engineering\PHASE 1\SS_22-11-E363SS.dwg

BENCHMARKS:
 BM-1#
 SQUARE CUT ON TOP OF CURB 119.3'± N.
 & 6.4'± W. OF SE. COR., LOT 7, BLOCK 2,
 TURTLE RUN 3RD ADDITION.
 ELEV. = 1390.32 NAVD88
 BM-2#
 SQUARE CUT ON TOP OF CURB 118.4'± N.
 OF SE. COR., LOT 6, BLOCK 2, TURTLE
 RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88

TOWNE PARC 10TH ADDITION



SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE VERTICAL	HORIZONTAL
44	8" X 4" Tee	17	E	4	0+28.0/Rt.	5.5'	13'
45	8" X 4" Tee	18	E	4	0+78.0/Rt.	5.5'	13.3'
46	8" X 4" Tee	19	E	4	1+28.0/Rt.	5.2'	13'

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

SEWER SERVICE RISER COORDINATES

44: N=1,670,993.73 E=1,680,378.49
 45: N=1,670,993.30 E=1,680,328.96
 46: N=1,670,992.29 E=1,680,277.64



BAUGHMAN COMPANY

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

TOWNE PARC 10TH ADDITION

LINE 4

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
 468-2023-005533

DESIGN: NBW DRAWN: JLD

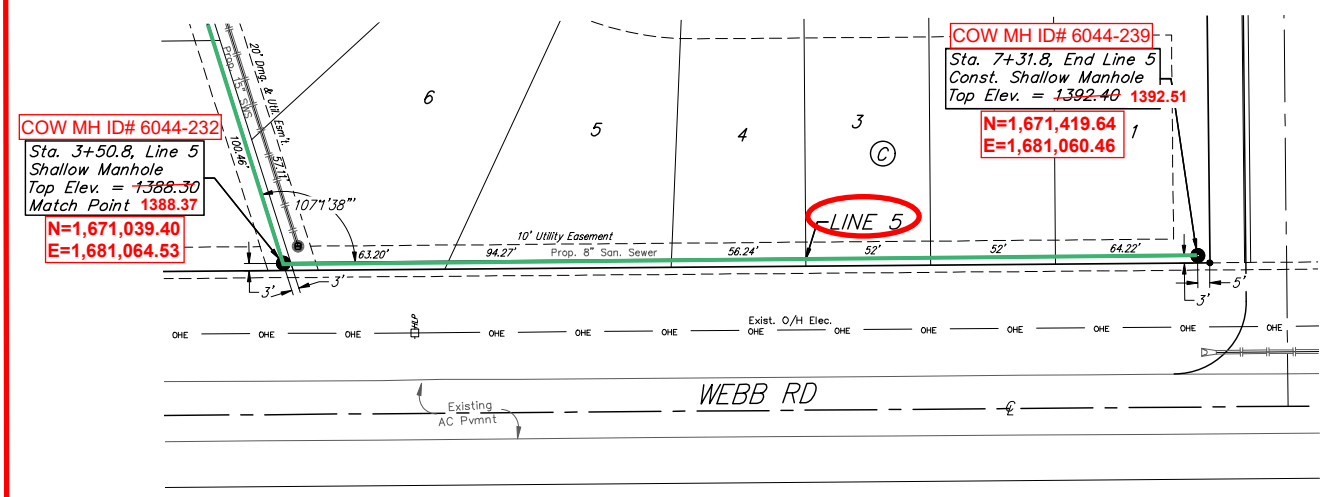
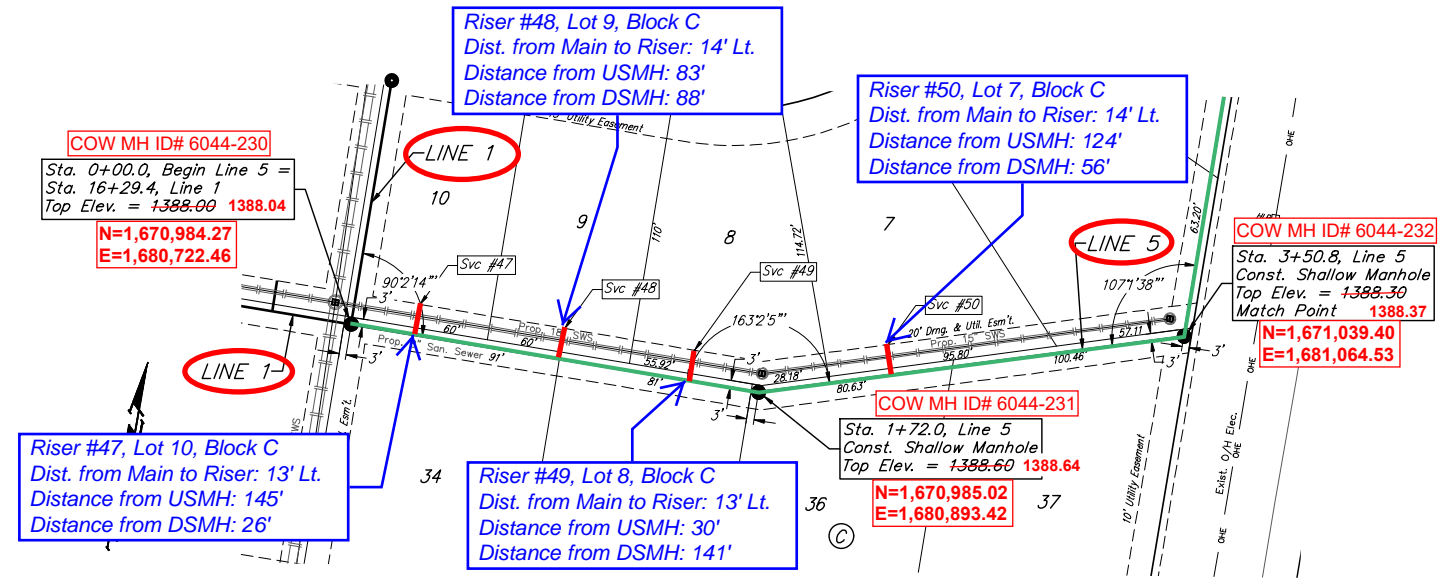
DATE: June 12, 2023

SHEET OF

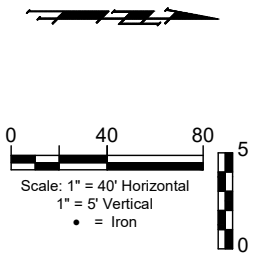
BENCHMARKS:
 BM-1#
 SQUARE CUT ON TOP OF CURB 119.3'± N.
 & 6.4'± W. OF SE. COR., LOT 7, BLOCK 2,
 TURTLE RUN 3RD ADDITION.
 ELEV. = 1390.32 NAVD88

BM-2#
 SQUARE CUT ON TOP OF CURB 118.4'± N.
 OF SE. COR., LOT 6, BLOCK 2, TURTLE
 RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88

TOWNE PARC 10TH ADDITION



TOWNE PARC 10TH ADDITION

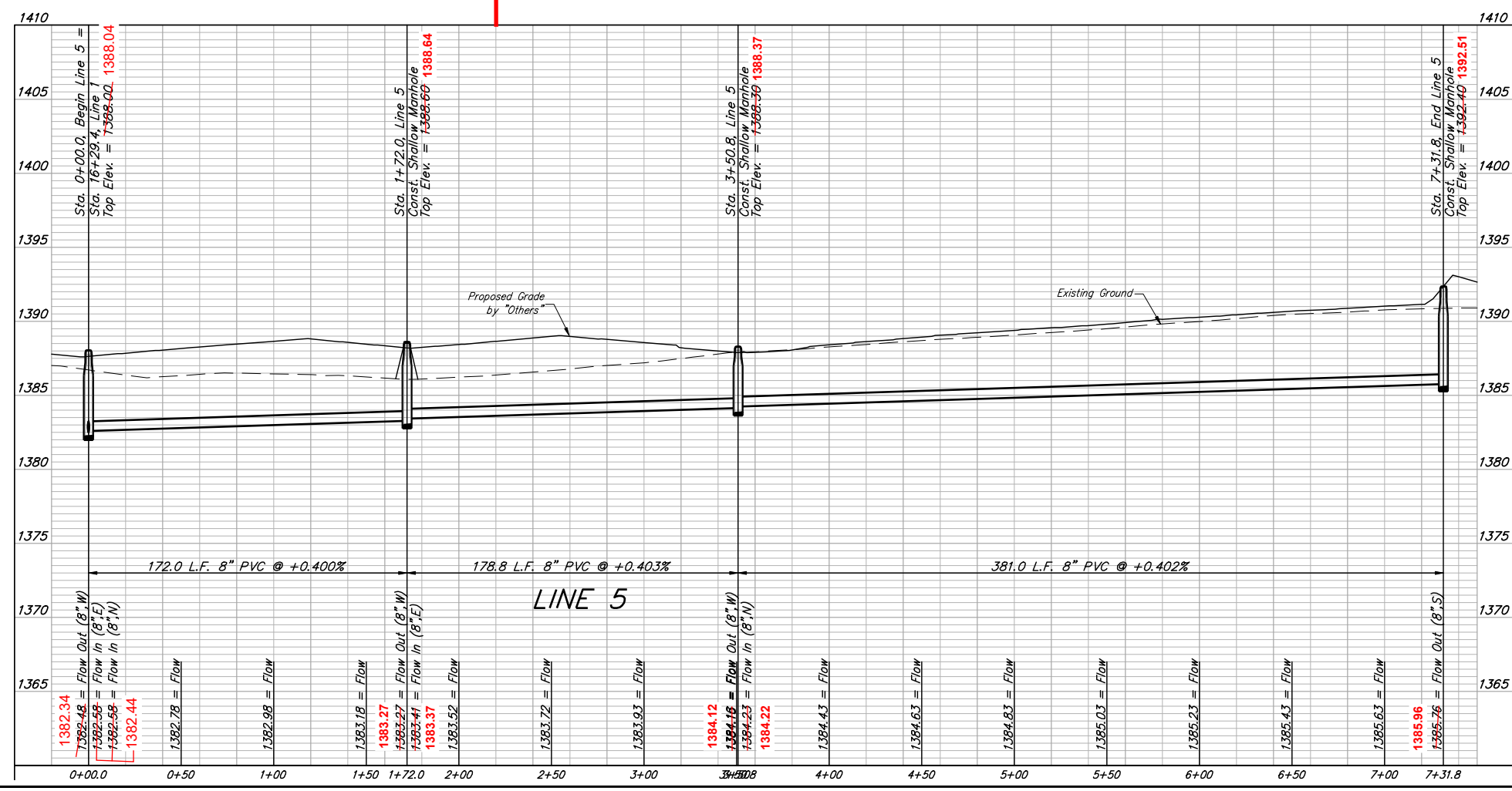


SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
47	8" X 4" Tee	10	C	5	0+27.0/Lt.	1'	-13' 12.7'
48	8" X 4" Tee	9	C	5	0+88.0/Lt.	1.3'	-13' 13.7'
49	8" X 4" Tee	8	C	5	1+43.0/Lt.	0.9'	-13' 13.4'
50	8" X 4" Tee	7	C	5	2+28.1/Lt.	0.6'	-12.7' 13.7'

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

SEWER SERVICE RISER COORDINATES
 47: N=1,670,997.11 E=1,680,748.21
 48: N=1,670,998.32 E=1,680,809.98
 49: N=1,670,998.27 E=1,680,863.38
 50: N=1,671,014.97 E=1,680,942.49



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

TOWNE PARC 10TH ADDITION

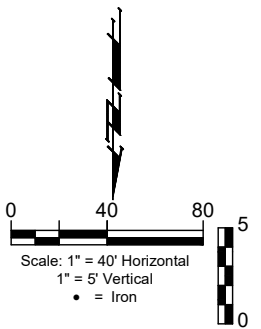
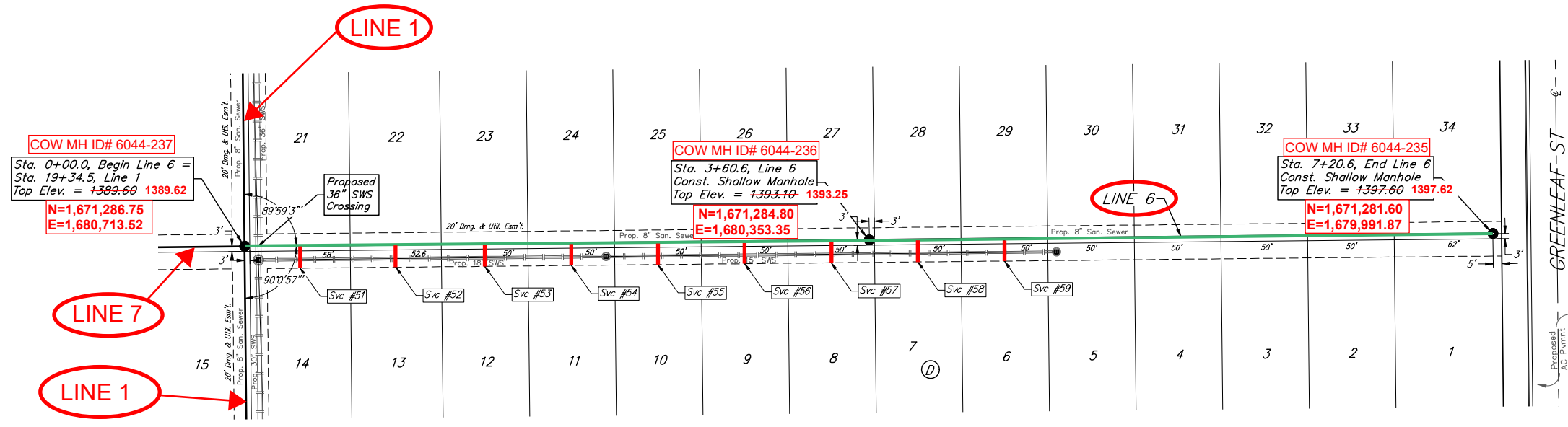
LINE 5

SANITARY SEWER IMPROVEMENTS
 PROJECT NUMBER: 468-2023-005533
 DESIGN: NBW DRAWN: JLD
 DATE: June 12, 2023
 SHEET OF 12 25

File: E:\Projects\Towne Parc 10th Addition_22-01-P743\Engineering\PHASE 1\SS_22-11-E3633\SS.dwg

BENCHMARKS:
 BM-1#
 SQUARE CUT ON TOP OF CURB 119.3'± N.
 & 6.4'± W. OF SE. COR., LOT 7, BLOCK 2,
 TURTLE RUN 3RD ADDITION.
 ELEV. = 1390.32 NAVD88
 BM-2#
 SQUARE CUT ON TOP OF CURB 118.4'± N.
 OF SE. COR., LOT 6, BLOCK 2, TURTLE
 RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88

TOWNE PARC 10TH ADDITION



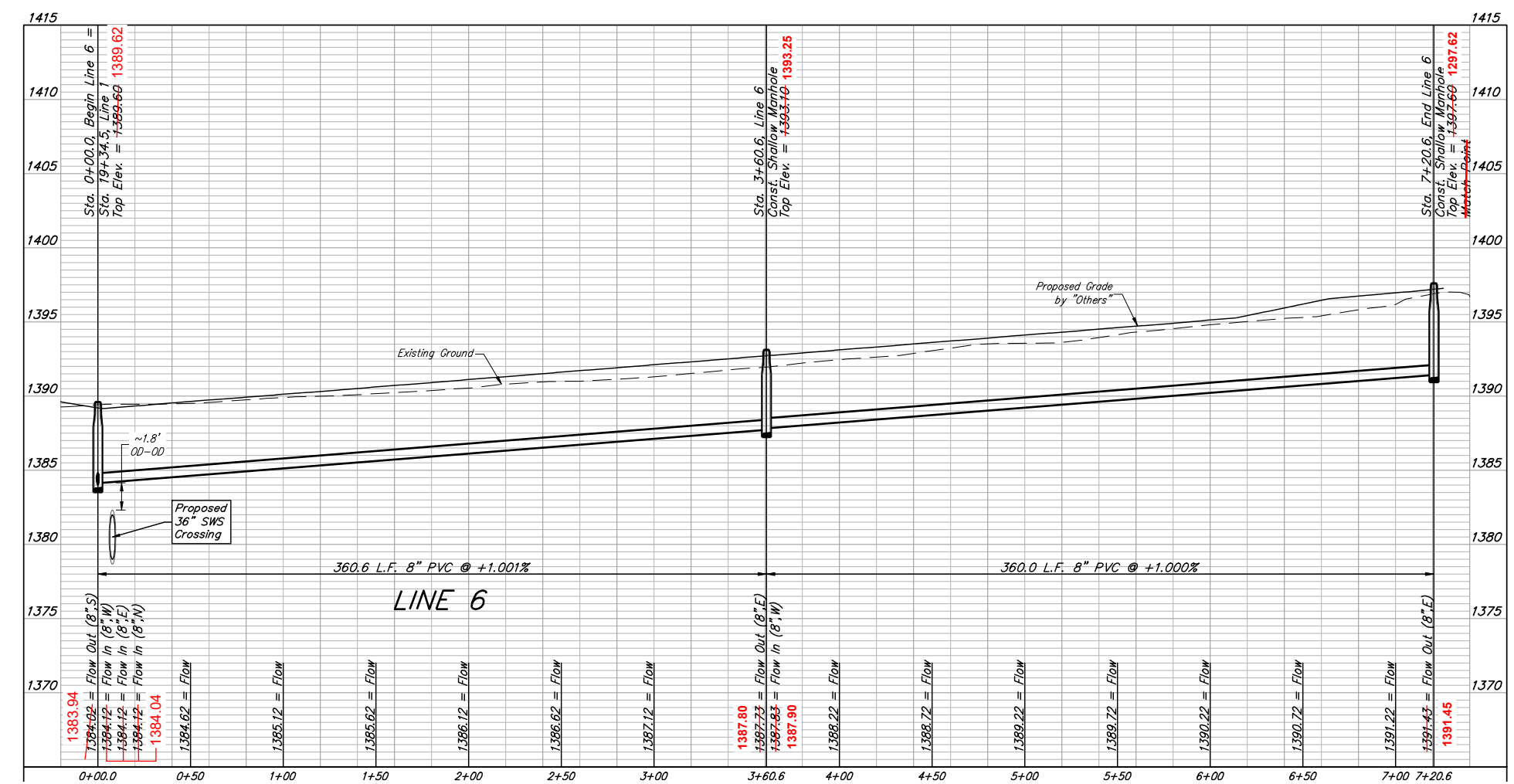
Riser Number	Distance from Main to Riser (Lt./Rt.)	Distance from	
		Upstream MH	Downstream MH
51	12' Rt.	328'	33'
52	13' Rt.	275'	86'
53	13' Rt.	221'	140'
54	14' Rt.	170'	190'
55	13' Rt.	120'	240'
56	13' Rt.	70'	290'
57	14' Rt.	20'	340'
58	14' Rt.	330'	31'
59	13' Rt.	276'	85'

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY		
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL	HORIZONTAL
51	8" X 4" Tee	14	D	6	0+32.0/Rt.	0.2'	-13'	12.4'
52	8" X 4" Tee	13	D	6	0+87.3/Rt.	0.2'	-13'	12.8'
53	8" X 4" Tee	12	D	6	1+88.6/Rt.	0.1'	-13'	13.8'
54	8" X 4" Tee	11	D	6	2+38.6/Rt.	-	-13'	13.2'
55	8" X 4" Tee	10	D	6	3+38.6/Rt.	-	-13'	13.7'
56	8" X 4" Tee	9	D	6	4+38.6/Rt.	-	-13'	13.4'
57	8" X 4" Tee	8	D	6	5+38.6/Rt.	-	-13'	13.7'
58	8" X 4" Tee	7	D	6	6+38.6/Rt.	-	-13'	13.7'
59	8" X 4" Tee	6	D	6	7+38.6/Rt.	-	-13'	13.4'

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

SEWER SERVICE RISER COORDINATES	
51:	N=1,671,299.01 E=1,680,680.94
52:	N=1,671,299.28 E=1,680,627.82
53:	N=1,671,298.77 E=1,680,573.88
54:	N=1,671,299.49 E=1,680,523.56
55:	N=1,671,298.66 E=1,680,473.64
56:	N=1,671,298.41 E=1,680,423.61
57:	N=1,671,298.64 E=1,680,373.65
58:	N=1,671,298.25 E=1,680,322.01
59:	N=1,671,297.41 E=1,680,268.17



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

TOWNE PARC 10TH ADDITION

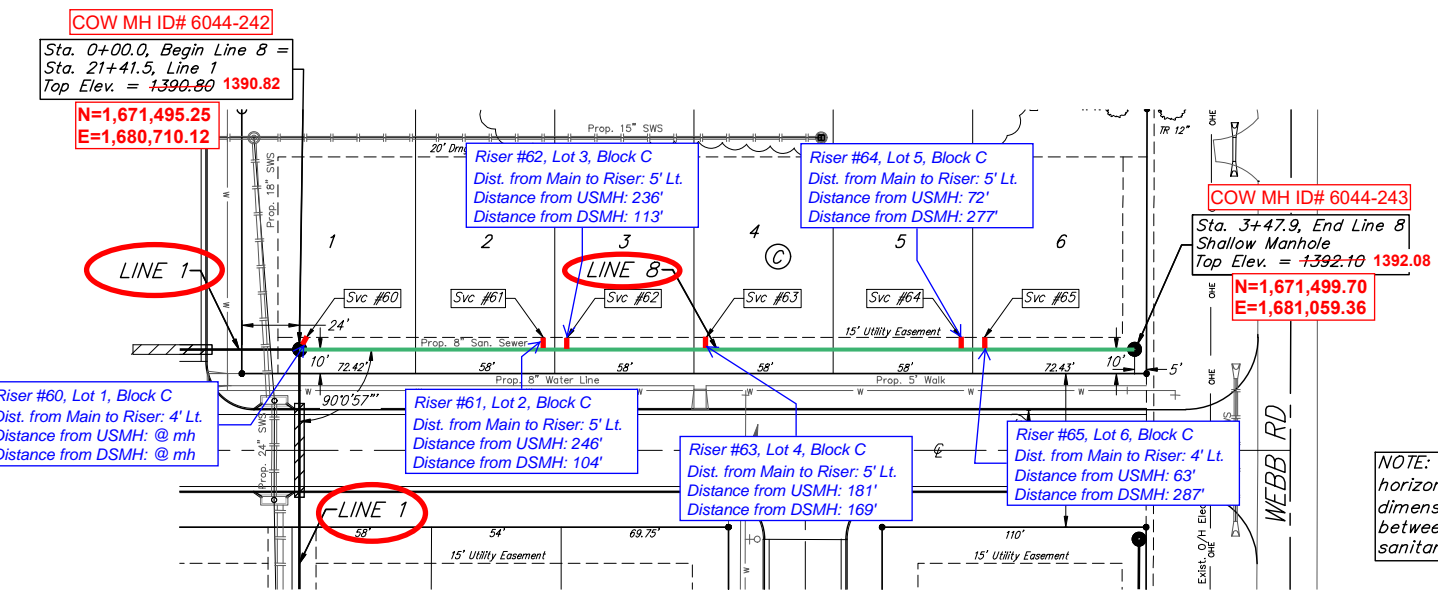
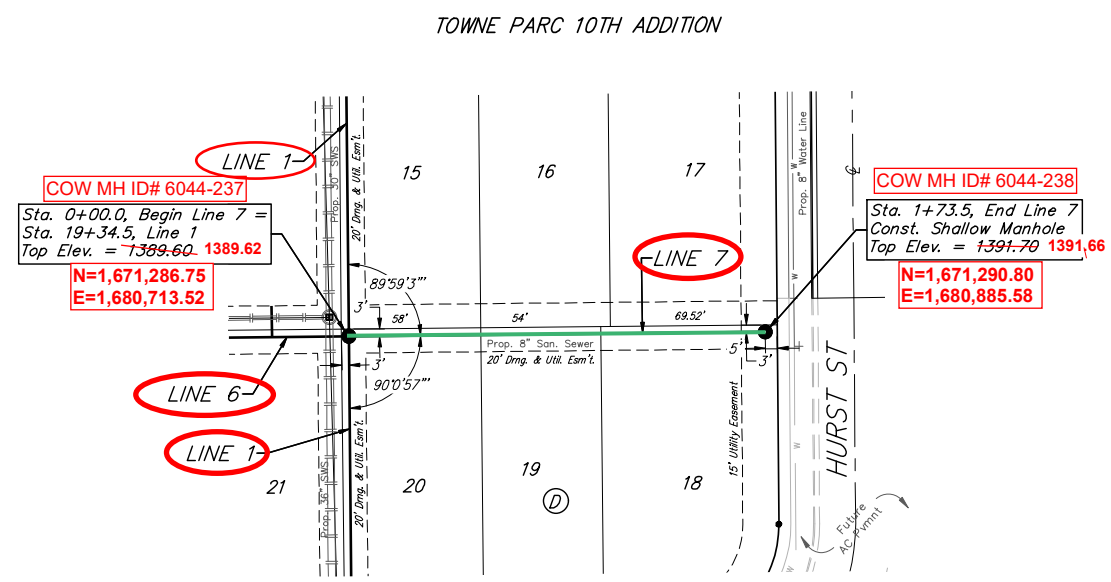
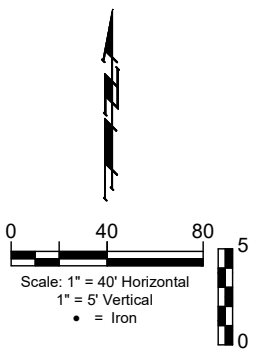
LINE 6

SANITARY SEWER IMPROVEMENTS
 PROJECT NUMBER:
 468-2023-005533
 DESIGN: NBW DRAWN: JLD
 DATE: June 23, 2023
 SHEET OF
13 25

Sanitary Sewer Services #55 - #59, Vertical Information Changed.

File: E:\Projects\Towne Parc 10th Addition_22-01-P743\Engineering\PHASE 1\SS_22-11-E3633SS.dwg

BENCHMARKS:
 BM-1#
 SQUARE CUT ON TOP OF CURB 119.3'± N.
 & 6.4'± W. OF SE. COR., LOT 7, BLOCK 2,
 TURTLE RUN 3RD ADDITION.
 ELEV. = 1390.32 NAVD88
 BM-2#
 SQUARE CUT ON TOP OF CURB 118.4'± N.
 OF SE. COR., LOT 6, BLOCK 2, TURTLE
 RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88



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

All trench and manhole excavation areas from Sta. 0+00 to Sta. 3+47.9, Line 8 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)".

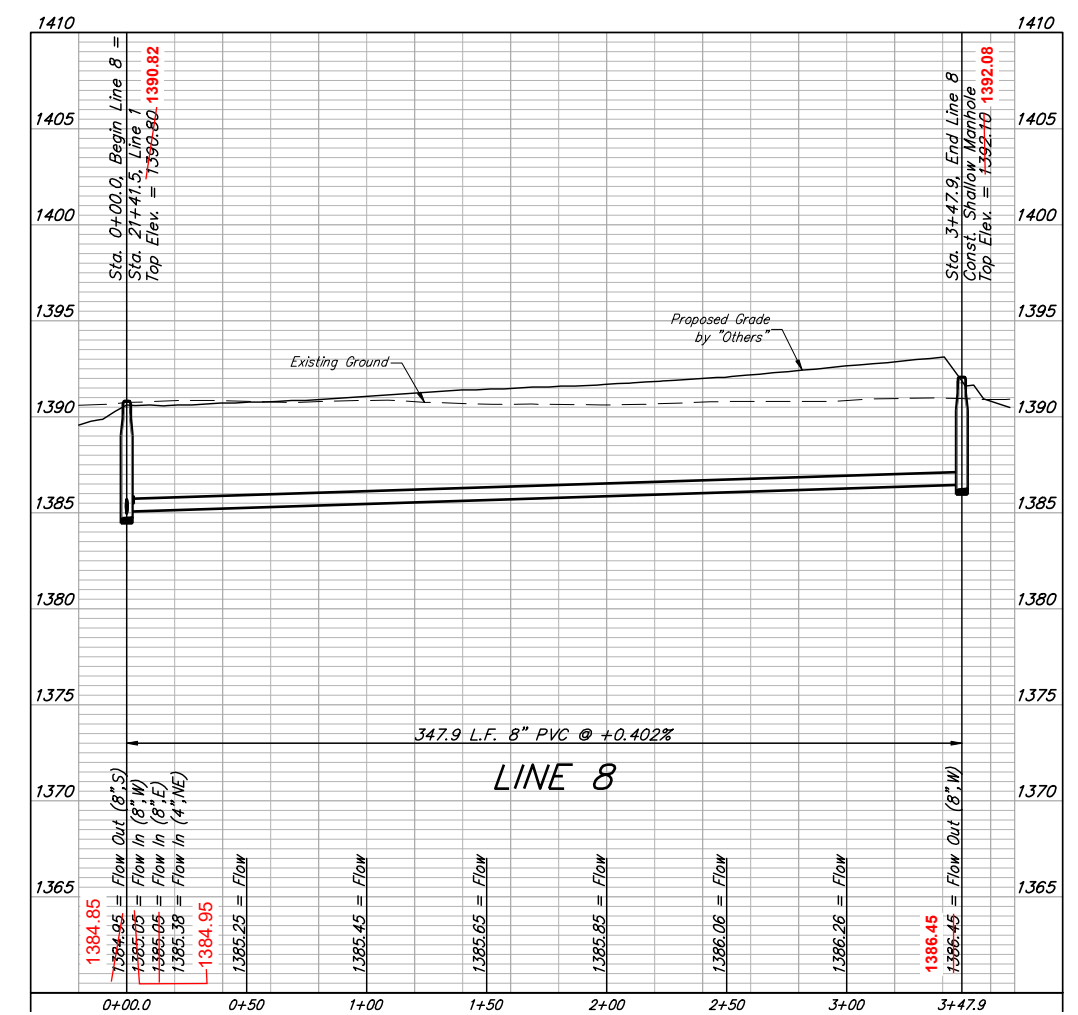
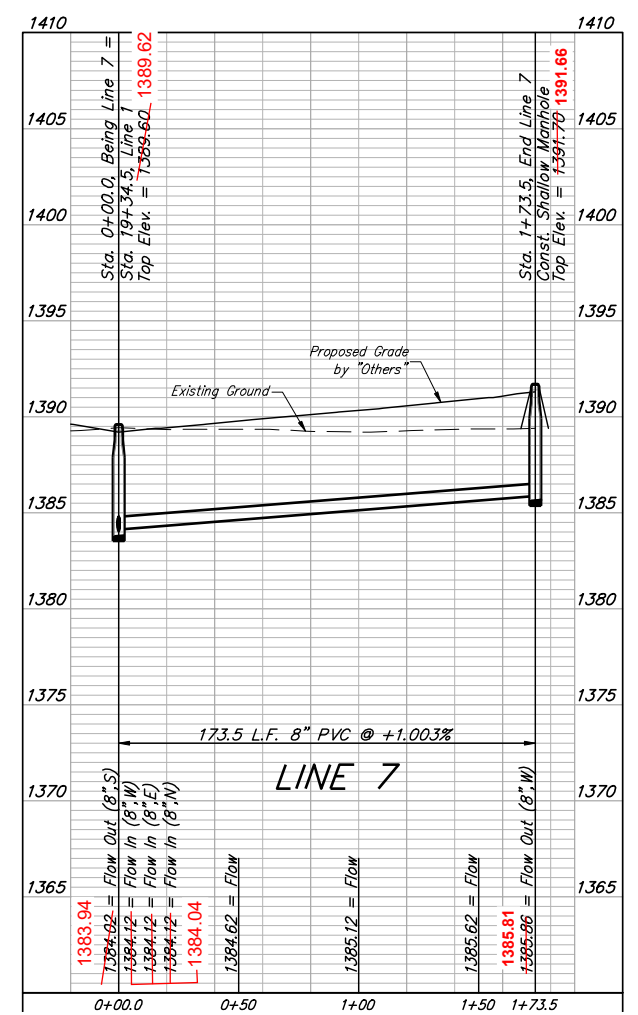
SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	VERTICAL	HORIZONTAL
60	4" Stub	1	C	8	0+00.0/Lt.	1.4'	5'-3.5'
61	8" X 4" Tee	2	C	8	1+01.4/Lt.	0.7'	5'-4.8'
62	8" X 4" Tee	3	C	8	1+11.4/Lt.	0.8'	5'-4.9'
63	8" X 4" Tee	4	C	8	1+69.4/Lt.	0.9'	5'-4.6'
64	8" X 4" Tee	5	C	8	2+75.4/Lt.	1.2'	5'-4.5'
65	8" X 4" Tee	6	C	8	2+85.4/Lt.	1.3'	5'-3.6'

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

SEWER SERVICE RISER COORDINATES

60:	N=1,671,498.81	E=1,680,714.46
61:	N=1,671,501.35	E=1,680,813.70
62:	N=1,671,501.60	E=1,680,823.32
63:	N=1,671,501.98	E=1,680,878.77
64:	N=1,671,503.28	E=1,680,987.40
65:	N=1,671,502.53	E=1,680,996.53



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

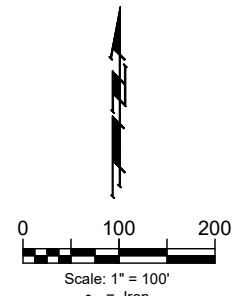
TOWNE PARC 10TH ADDITION
LINE 7 + 8
 SANITARY SEWER IMPROVEMENTS
 PROJECT NUMBER:
 468-2023-005533
 DESIGN: NBW DRAWN: JLD
 DATE: June 23, 2023
 SHEET OF
14R 25

Adjusted Service #60 from an 8" X 4" Tee to 4" Stub w/ Riser.

File: E:\Projects\Towne Parc 10th Addition_22-01-P743\Engineering\PHASE 1\SS_22-11-E36353.dwg

BENCHMARKS:
 BM-1#
 SQUARE CUT ON TOP OF CURB 119.3'± N.
 & 6.4'± W. OF SE. COR., LOT 7, BLOCK 2,
 TURTLE RUN 3RD ADDITION.
 ELEV. = 1390.32 NAVD88

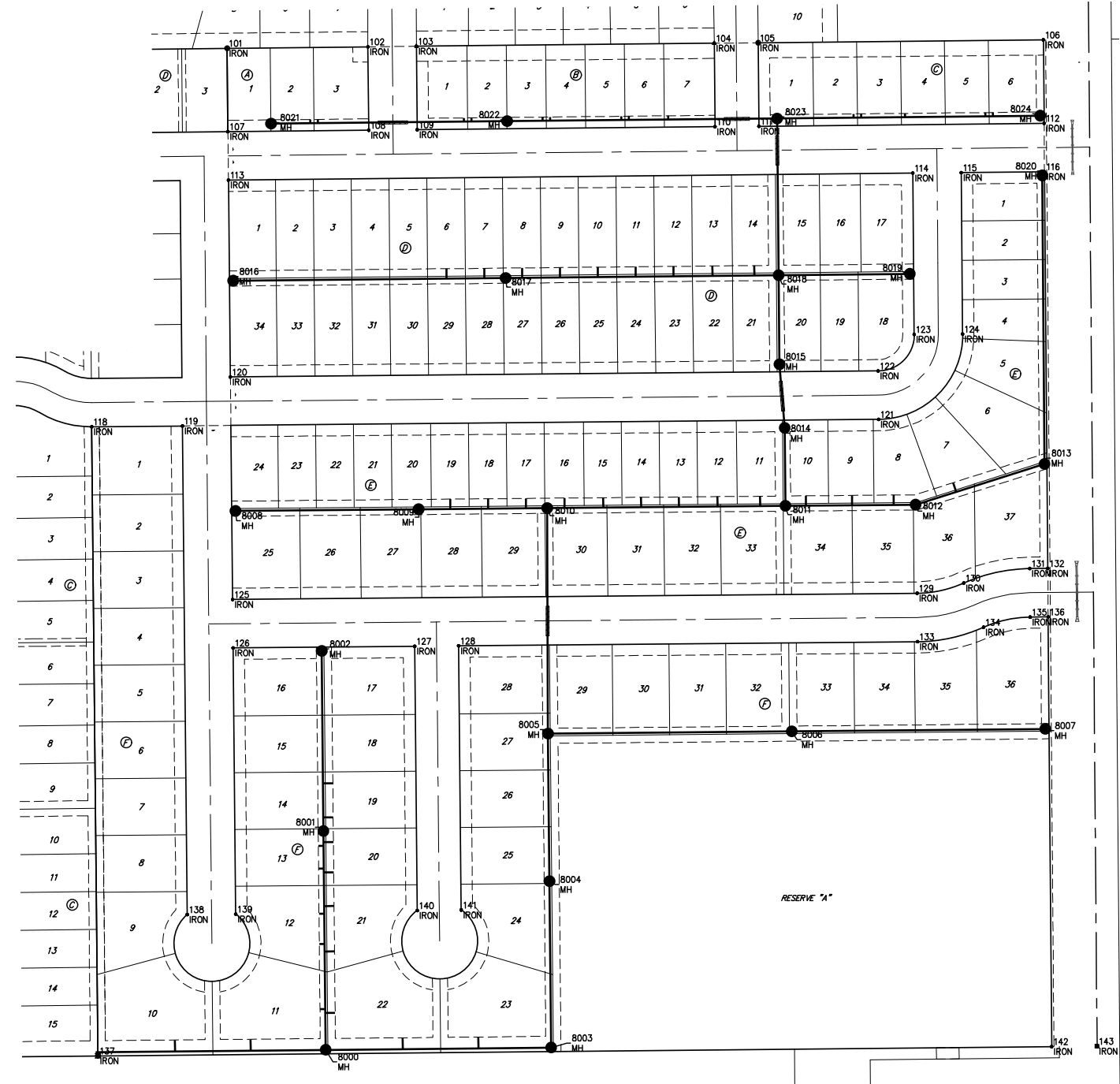
BM-2#
 SQUARE CUT ON TOP OF CURB 118.4'± N.
 OF SE. COR., LOT 6, BLOCK 2, TURTLE
 RUN 2ND ADDITION.
 ELEV. = 1391.04 NAVD88



SS POINTS			
Point #	Northing	Easting	Description
8000	1,670,265.48	1,680,114.21	MH
8001	1,670,554.41	1,680,111.54	MH
8002	1,670,792.39	1,680,108.98	MH
8003	1,670,268.36	1,680,412.20	MH
8004	1,670,488.18	1,680,410.01	MH
8005	1,670,683.17	1,680,408.08	MH
8006	1,670,686.17	1,680,730.26	MH
8007	1,670,688.28	1,681,065.13	MH
8008	1,670,977.35	1,679,995.13	MH
8009	1,670,979.60	1,680,237.12	MH
8010	1,670,981.18	1,680,407.11	MH
8011	1,670,984.10	1,680,721.74	MH
8012	1,670,985.70	1,680,893.73	MH
8013	1,671,039.45	1,681,064.25	MH
8014	1,671,087.09	1,680,720.72	MH
8015	1,671,171.03	1,680,713.84	MH
8016	1,671,281.50	1,679,992.11	MH
8017	1,671,285.18	1,680,352.09	MH
8018	1,671,288.86	1,680,712.67	MH
8019	1,671,290.64	1,680,886.18	MH
8020	1,671,420.43	1,681,061.12	MH
8021	1,671,489.02	1,680,041.95	MH
8022	1,671,492.21	1,680,353.88	MH
8023	1,671,495.85	1,680,710.61	MH
8024	1,671,498.41	1,681,058.47	MH

CONTROL			
Point #	Northing	Easting	Description
100	1,671,586.73	1,679,800.18	IRON
101	1,671,588.62	1,679,984.05	IRON
102	1,671,590.54	1,680,170.16	IRON
103	1,671,591.19	1,680,234.15	IRON
104	1,671,595.24	1,680,627.62	IRON
105	1,671,595.83	1,680,685.62	IRON
106	1,671,599.71	1,681,062.64	IRON
107	1,671,478.44	1,679,985.15	IRON
108	1,671,480.34	1,680,171.25	IRON
109	1,671,481.00	1,680,235.25	IRON
110	1,671,485.02	1,680,628.72	IRON
111	1,671,485.61	1,680,686.72	IRON
112	1,671,489.46	1,681,063.55	IRON
113	1,671,414.44	1,679,985.78	IRON
114	1,671,423.68	1,680,890.08	IRON
115	1,671,424.34	1,680,954.08	IRON
116	1,671,425.46	1,681,064.07	IRON
117	1,671,301.78	1,679,803.00	IRON
118	1,671,088.59	1,679,805.11	IRON
119	1,671,089.70	1,679,925.01	IRON
120	1,671,154.29	1,679,988.37	IRON
121	1,671,098.25	1,680,844.88	IRON
122	1,671,162.25	1,680,844.28	IRON
123	1,671,210.64	1,680,891.83	IRON
124	1,671,211.16	1,680,955.83	IRON
125	1,670,860.31	1,679,991.29	IRON
126	1,670,796.31	1,679,991.93	IRON
127	1,670,798.54	1,680,231.92	IRON
128	1,670,799.08	1,680,289.92	IRON
129	1,670,868.71	1,680,895.82	IRON
130	1,670,882.19	1,680,957.44	IRON
131	1,670,901.25	1,681,044.64	IRON
132	1,670,901.47	1,681,068.38	IRON
133	1,670,804.72	1,680,896.41	IRON
134	1,670,823.78	1,680,983.61	IRON
135	1,670,837.25	1,681,045.23	IRON
136	1,670,837.47	1,681,068.91	IRON
137	1,670,257.57	1,679,813.35	IRON
138	1,670,444.15	1,679,931.43	IRON
139	1,670,444.79	1,679,995.43	IRON
140	1,670,449.55	1,680,235.39	IRON
141	1,670,450.12	1,680,293.39	IRON
142	1,670,269.75	1,681,073.57	IRON
143	1,670,270.33	1,681,133.57	IRON

1100,1670264.221,1680114.833,1289.031,LINE 2 B MH
 1101,1670316.029,1680129.142,1289.767,SRV
 1102,1670319.996,1680105.720,1290.080,SRV
 1103,1670393.097,1680128.140,1290.573,SRV
 1104,1670402.199,1680104.459,1291.150,SRV
 1105,1670443.724,1680104.426,1291.109,SRV
 1106,1670453.027,1680127.229,1291.014,SRV
 1107,1670500.186,1680126.946,1291.217,SRV
 1108,1670504.440,1680103.332,1291.431,SRV
 1109,1670532.520,1680103.944,1291.197,SRV
 1110,1670538.611,1680126.459,1291.021,SRV
 1111,1670554.176,1680111.656,1292.249,MH
 1112,1670572.076,1680125.781,1291.428,SRV
 1113,1670618.180,1680125.065,1291.616,SRV
 1114,1670791.201,1680109.360,1294.895,LINE 2 E MH
 1115,1670261.404,1679809.571,1293.218,LINE 1 B MH
 1116,1670278.194,1679916.399,1290.539,SRV
 1117,1670281.155,1680015.106,1289.822,SRV
 1118,1670264.184,1680114.467,1289.117,MH
 1119,1670282.050,1680213.101,1288.141,SRV
 1120,1670283.141,1680313.843,1287.010,SRV
 1121,1670268.456,1680410.855,1286.015,MH
 1122,1670488.004,1680409.308,1288.474,MH
 1123,1670682.279,1680408.737,1289.939,MH
 1124,1670980.794,1680406.579,1291.625,MH
 1125,1670994.286,1680429.360,1290.079,SRV
 1126,1670995.614,1680480.740,1290.011,SRV
 1127,1670996.170,1680530.235,1288.730,SRV
 1128,1670996.019,1680581.193,1288.659,SRV
 1129,1670996.095,1680631.824,1288.254,SRV
 1130,1670996.761,1680689.865,1287.555,SRV
 1131,1670984.428,1680721.892,1287.990,MH
 1132,1671086.877,1680720.130,1289.778,MH
 1133,1671172.357,1680713.448,1289.818,MH
 1134,1671287.202,1680713.401,1289.584,MH
 1135,1671495.717,1680711.203,1290.782,MH
 1136,1671499.300,1680569.954,1291.764,SRV
 1137,1671498.823,1680515.656,1291.521,SRV
 1138,1671498.479,1680504.829,1291.723,SRV
 1139,1671498.322,1680411.081,1291.962,SRV
 1140,1671497.766,1680400.966,1291.805,SRV
 1141,1671492.192,1680354.957,1292.150,MH
 1142,1671497.405,1680308.284,1292.925,SRV
 1143,1671497.216,1680297.445,1293.193,SRV
 1144,1671494.577,1680103.154,1294.802,SRV
 1145,1671495.089,1680093.948,1294.372,SRV
 1146,1671492.054,1680040.020,1294.233,SRV
 1147,1671488.634,1680043.796,1295.379,MH



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

TOWNE PARK 10TH ADDITION

COORDINATES

SANITARY SEWER IMPROVEMENTS
 PROJECT NUMBER:
 468-2023-005533
 DESIGN: NBW DRAWN: JLD
 DATE: June 12, 2023
 SHEET OF
24 25

File: E:\Projects\Towne Parc 10th Addition_22-01-87\43\Engineering\PHASE 1\SS_22-11-E333\SS.dwg