

AS-BUILT PLANS

SANITARY SEWER IMPROVEMENTS to serve

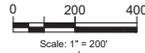
BROOKFIELD SOUTH ADDITION & BROOKFIELD SOUTH 2ND ADDITION PHASE I

CITY OF WICHITA, KANSAS

Paul Gunzelman, P.E., Interim City Engineer
Project Number 468-2022-012071 47268423 E3075

K. Kerns - City of Wichita, Field Project Engineer
As-built
Stubs & Risers
Release Date: 4/2/2024
Completion Date:
pdf. apr. 6/7/2024

Baughman Company Job Number: 23-08-E567



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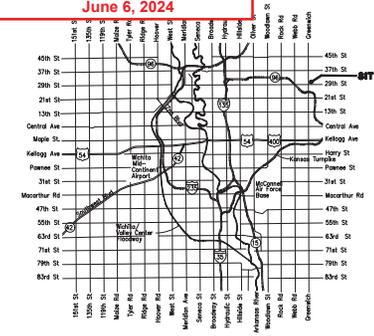
GENERAL NOTES:

- 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
Wester 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
Comco 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 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 Jeff Mullen 8100 E. 22nd St. N., Bldg. 1000, Wichita, KS 67272 (913) 684-7300 email: jeffm@citydevelopment.com

Pipe, SS 8" = 7,217 L.F.
Pipe, SS 10" = 1,579 L.F.
Pipe Stub, 8" = 6 EACH.
Riser Assembly 4", MH Stub = 12 EACH.
Riser Assembly 4", Vertical = 26 EACH.
MH, Standard SS (4") = 32 EACH.
MH, Standard SS (5") = 6 EACH.
MH, Shallow SS (4") = 1 EACH.
MH, Outside Drop SS (4") = 1 EACH.
MH, Outside Drop SS (5") = 1 EACH.

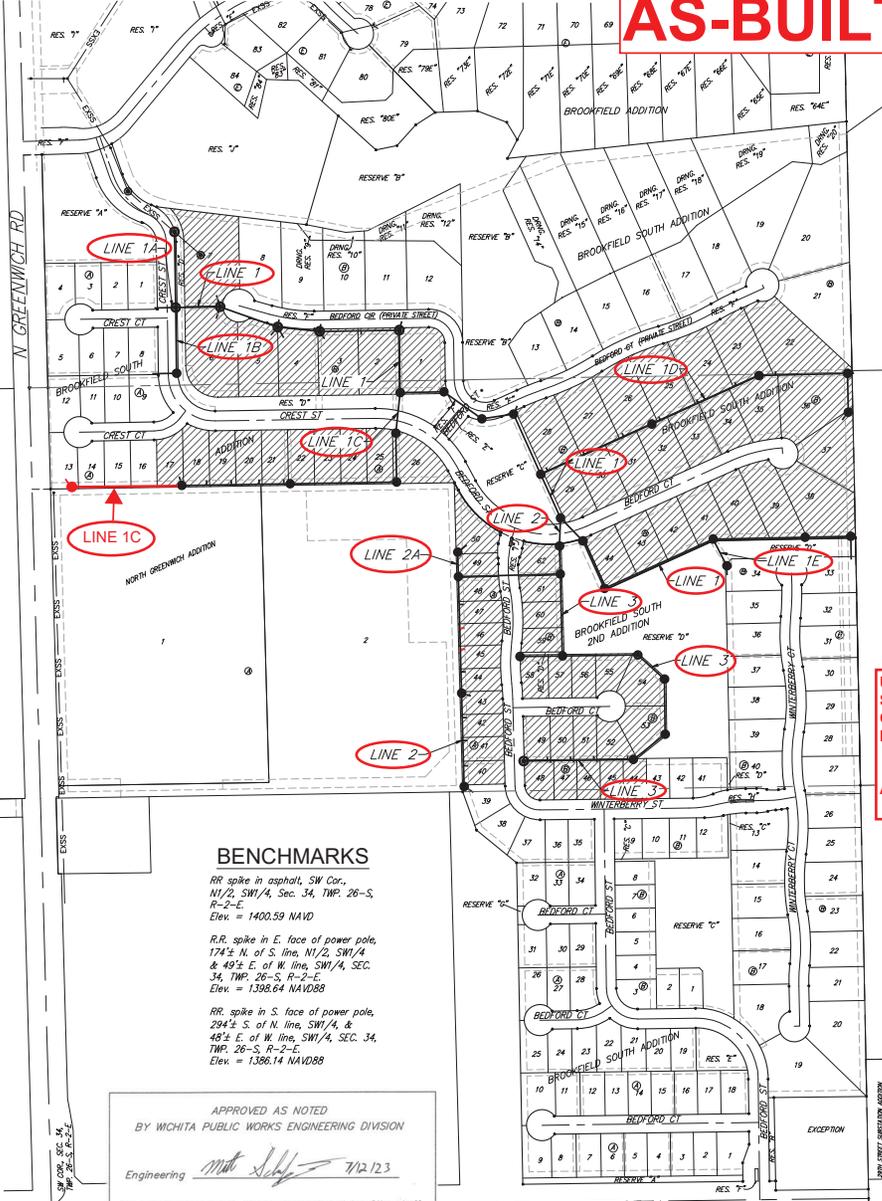
Utility Contractor = Mies Construction
Superintendent = Albert Williams
Construction Staking = City of Wichita
Inspector = Fred Smith
Baughman Company

As-Built Plans = FES & Larry Powell
June 6, 2024



VICINITY MAP

BENEFIT DISTRICT



BENCHMARKS

RR spike in asphalt, SW Cor., N1/2 SW1/4, Sec. 34, Twp. 26-S, R-2-E, Elev. = 1400.59 NAVD
R.R. spike in E. face of power pole, 174'± N. of S. line, N1/2 SW1/4 & 49'± E. of W. line, SW1/4, SEC. 34, TWP. 26-S, R-2-E, Elev. = 1388.64 NAVD88
R.R. spike in S. face of power pole, 294'± S. of N. line, SW1/4, & 45'± E. of W. line, SW1/4, SEC. 34, TWP. 26-S, R-2-E, Elev. = 1386.14 NAVD88

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS ENGINEERING DIVISION

Engineering *[Signature]* 7/12/23

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

E 29TH ST N
3/4 COR., SEC. 34, TWP. 26-S, R-2-E

Construction Began = August 2023
Construction End = December 2023



Jun. 19, 2023
BAUGHMAN COMPANY
315 Ellis St. Wichita, KS 67211 316-262-7271
BaughmanCo.com



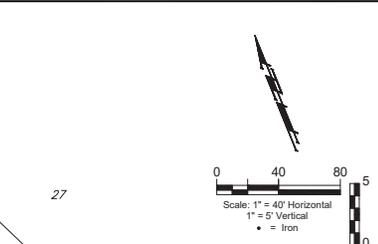
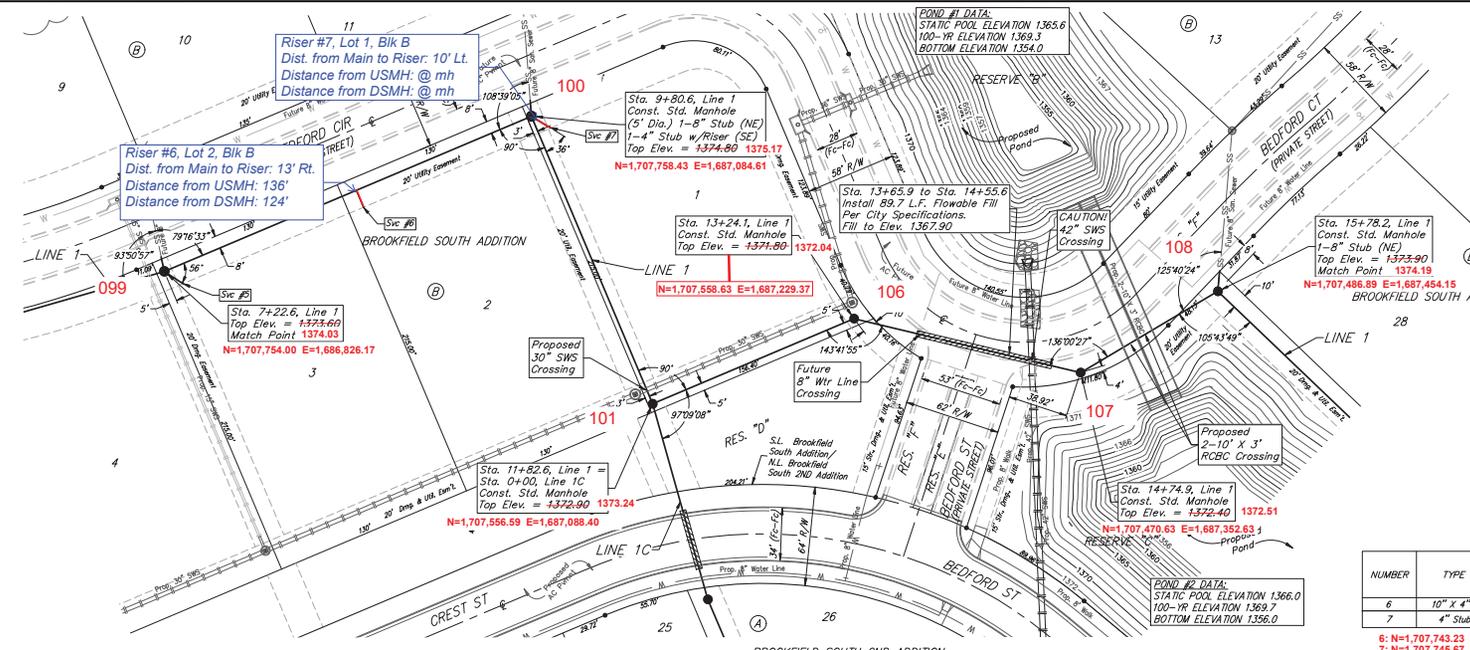
Construction Engineering Division
 1801 S. McLean Blvd., Suite B
 Wichita KS, 67213
 (316) 268-4027

Sanitary Sewer Riser Table

Project Name: SS_ENT WTR_WTR PH1_SWS_SWD_ENT PAV_PAV PH1 Brookfield So & 2nd Add
 Project Location: 37th & Greenwich 472-2022-085777
 Project No: 468-2022-012071_448-2022-029538_448-2022-012087
 MUNIS No: 458-2022-085502_458-2022-085503_472-2022-085783
 Contractor: Mies 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	1	3+88.9	19.6	Lt			STUB @ MH
2	1	3+88.9	19.4	Rt			STUB @ MH
3	1	5+86.9	13.0	Rt			STUB @ MH
4	1	5+86.6	17.0	Rt			STUB @ MH
5	1	7+22.6	11.2	Rt			STUB @ MH
6	1	8+57.6	13.1	Rt	135.6	123.7	
7	1	9+80.6	9.6	Lt			STUB @ MH
8	1C	6+55.1	14.1	Rt	330.2	20.7	
9	1C	7+35.1	14.1	Rt	248.0	102.9	
10	1C	8+25.1	13.3	Rt	161.7	189.2	
11	1C	9+05.1	14.7	Rt	78.3	272.6	
12	1C	9+85.1	15.6	Rt			STUB @ MH
12A	1C	13+25.1	19.0	Rt			STUB @ MH
13	1D	0+25.0	12.6	Lt	369.6	24.8	
14	1D	1+55.	12.9	Lt	238.7	155.6	
15	1D	2+95.	13.4	Lt	99.2	295.1	
16	1D	4+25.	13.7	Lt	352.7	30.2	
17	1D	5+60.	12.7	Lt	228.3	154.6	
18	1D	6+95.	13.7	Lt	82.4	300.5	
19	1D	8+29.2	14.2	Lt	220.8	60.0	
20	1D	11+87.5	8.2	Rt			STUB @ MH
21	2A	0+77.0	19.0	Rt			STUB @ MH
22	2	6+01.4	14.5	Lt	283.7	90.0	
22A	2	6+73.4	16.0	Lt	212.2	161.6	ADDED
22B	2	7+45.4	14.9	Lt	139.1	234.6	ADDED
23	2	8+19.4	15.6	Lt	64.9	308.8	
24	2	8+31.1	13.8	Lt			STUB @ MH
25	2	9+57.1	15.2	Lt	234.7	71.5	
26	2	10+31.1	15.1	Lt	160.6	145.6	
27	2	11+03.1	13.8	Lt	88.9	217.2	
28	2	11+95.9	14.8	Lt			STUB @ MH
29	3	9+53.9	12.9	Rt	337.4	18.4	
30	3	10+53.4	6.7	Lt	237.7	118.1	
31	3	10+63.4	13.0	Rt	228.5	127.3	
32	3	11+28.4	7.6	Lt	161.6	194.2	
33	3	11+38.4	13.1	Rt	152.0	203.8	
34	3	12+03.4	7.0	Lt	87.4	268.4	

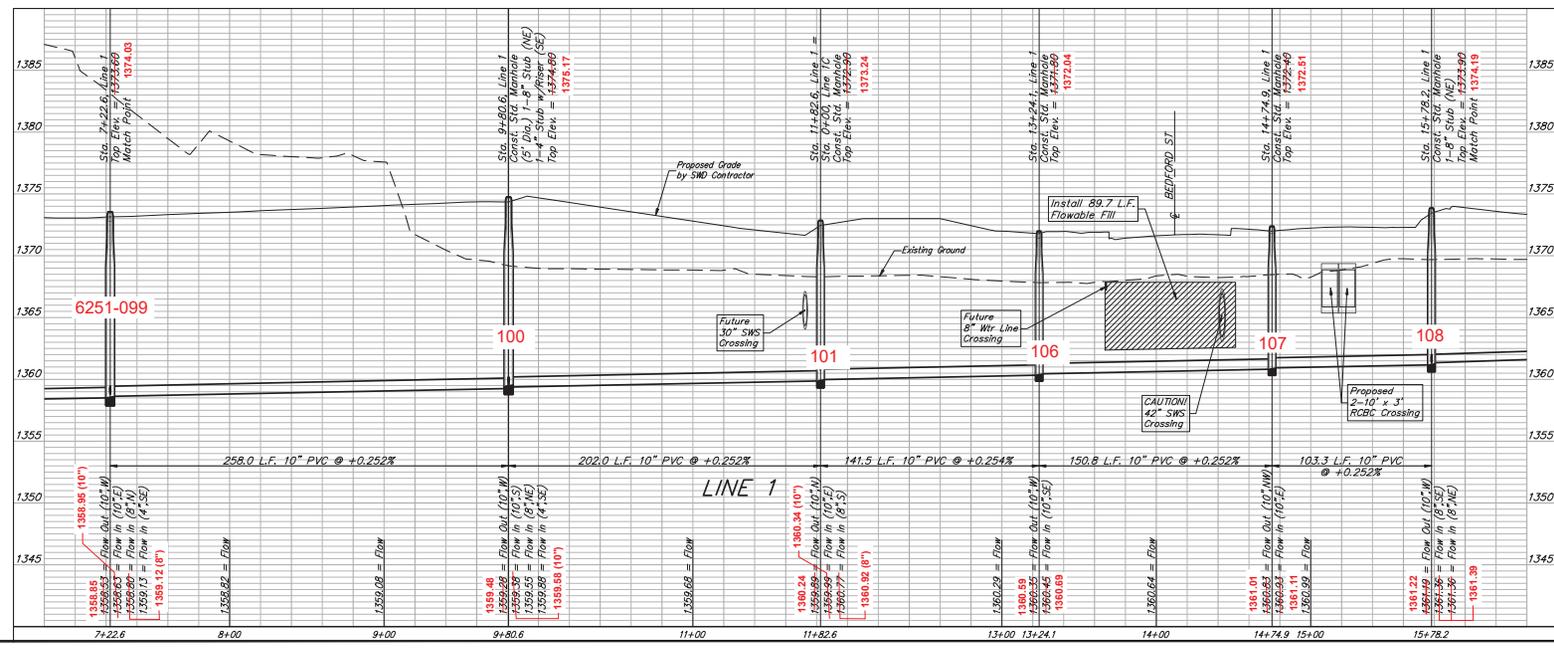
BENCHMARKS:
 RR spike in asphalt, SW Cor., N1/2, SW1/4, Sec. 34, TWP. 26-S, R-2-E. Elev. = 1400.59 NAVD
 R.R. spike in E. face of power pole, 174'± N. of S. line, N1/2, SW1/4 & 49'± E. of W. line, SW1/4, SEC. 34, TWP. 26-S, R-2-E. Elev. = 1398.64 NAVD88
 R.R. spike in S. face of power pole, 204'± S. of N. line, SW1/4, & 48'± E. of W. line, SW1/4, SEC. 34, TWP. 26-S, R-2-E. Elev. = 1386.14 NAVD88



SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE
6	10" x 4" Tee	2	B	1	8+57.6/RT.	11.1' VERTICAL 3.2' HORIZONTAL
7	4" Stub	1	B	1	9+80.6/LL	11.2' VERTICAL 1.5' HORIZONTAL

6: N=1,707,743.23 E=1,686,959.26
 7: N=1,707,745.67 E=1,687,094.42



BAUGHMAN COMPANY
 315 Ellis St.
 Wichita, KS 67211
 316-262-7271
 BaughmanCo.com
 Brookfield South Addition & Brookfield South 2nd Addition Phase I
LINE 1
 SANITARY SEWER IMPROVEMENTS
 PROJECT NUMBER: 468-2022-012071
 DESIGN: AEG DRAWN: JAK
 DATE: Jun. 19, 2023
 SHEET 3 OF 28
File: E:\Project\Brookfield South 2nd Addition\Engineering\Phase I\SS_22-02-01-03.dwg

BENCHMARKS:
 RR spike in asphalt, SW Cor.,
 N1/2, SW1/4, Sec. 34, TWP. 26-S,
 R-2-E.
 Elev. = 1400.59 NAVD

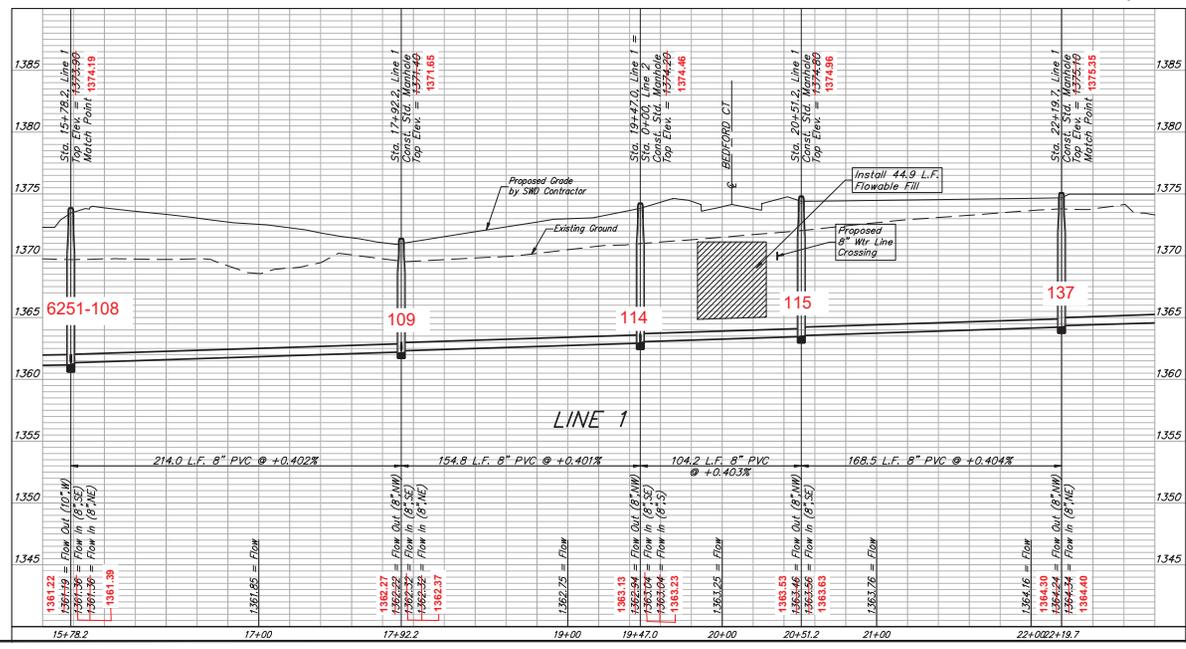
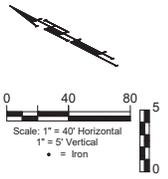
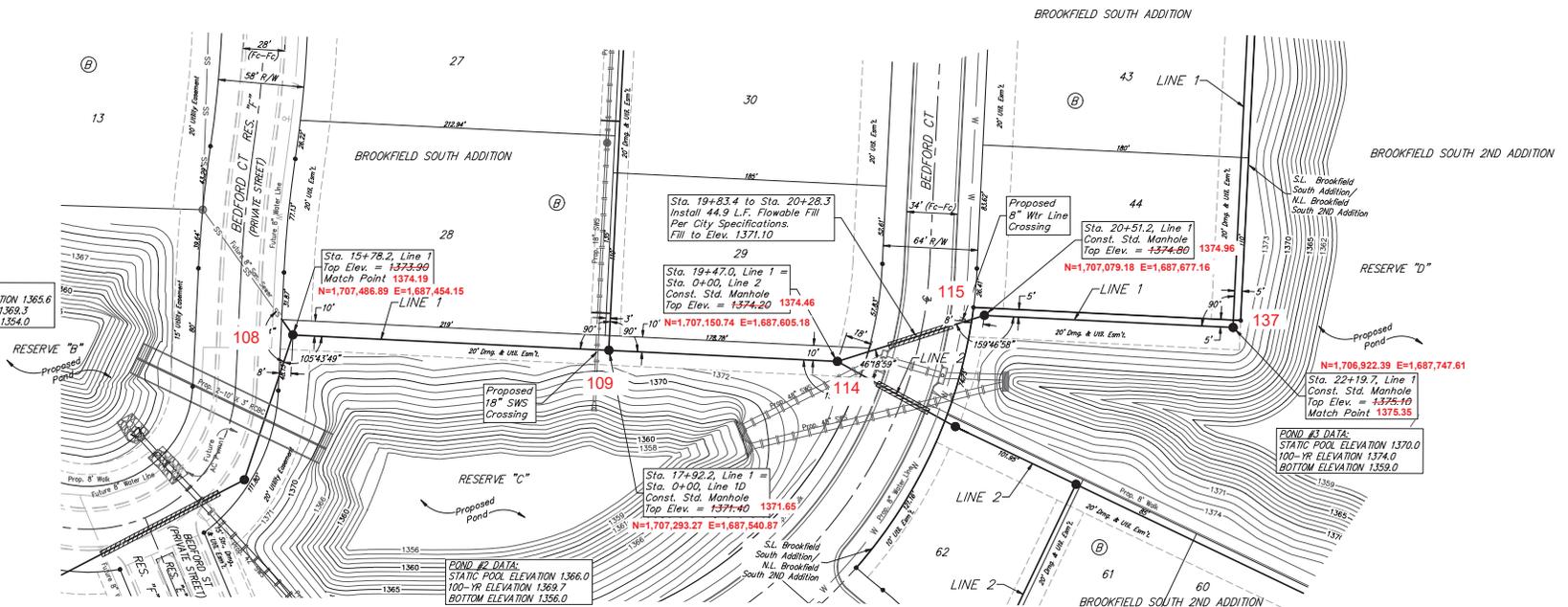
RR spike in E. face of power pole,
 174'± N. of S. line, N1/2, SW1/4
 & 49'± E. of W. line, SW1/4, SEC.
 34, TWP. 26-S, R-2-E.
 Elev. = 1398.64 NAVD88

RR spike in S. face of power pole,
 234'± S. of N. line, SW1/4, &
 48'± E. of W. line, SW1/4, SEC. 34,
 TWP. 26-S, R-2-E.
 Elev. = 1386.14 NAVD88

POND #1 DATA:
 STATIC POOL ELEVATION 1365.6
 100-YR ELEVATION 1369.3
 BOTTOM ELEVATION 1354.0

POND #2 DATA:
 STATIC POOL ELEVATION 1366.0
 100-YR ELEVATION 1369.7
 BOTTOM ELEVATION 1356.0

POND #3 DATA:
 STATIC POOL ELEVATION 1370.0
 100-YR ELEVATION 1374.0
 BOTTOM ELEVATION 1359.0



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 BaughmanCo.com

Brookfield South Addition &
 Brookfield South 2nd Addition
 Phase I

LINE 1

SANITARY SEWER
 IMPROVEMENTS

PROJECT NUMBER:
 468-2022-012071

DESIGN: AEG DRAWN: JAK

DATE: Jun. 19, 2023

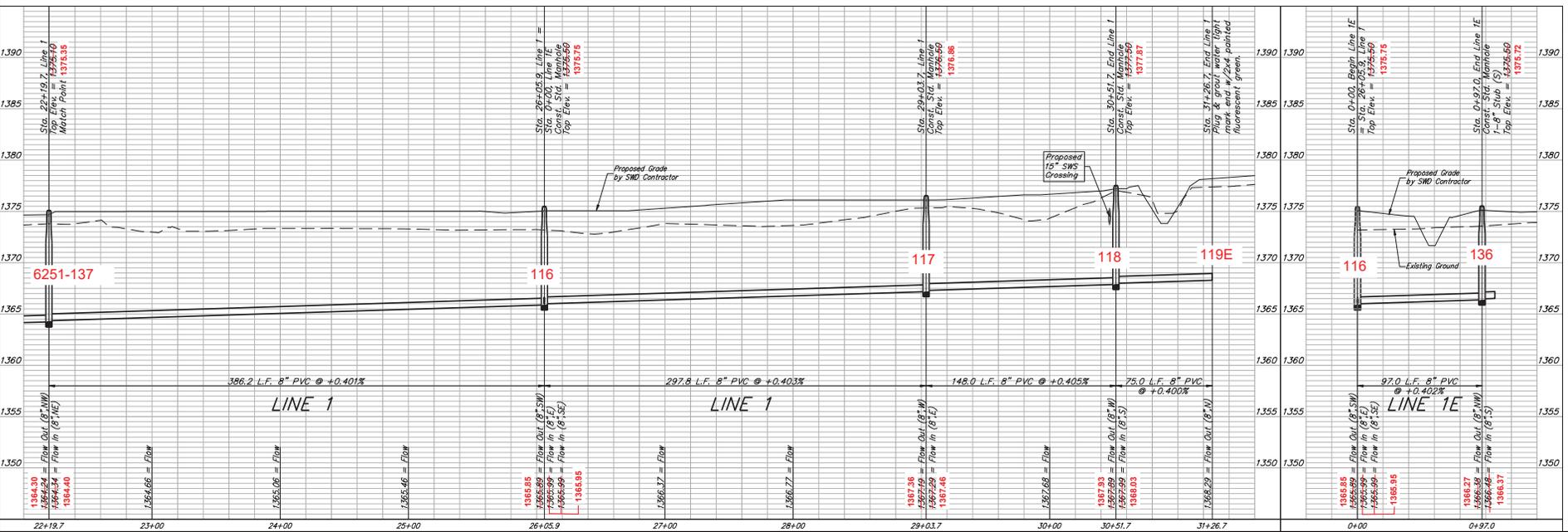
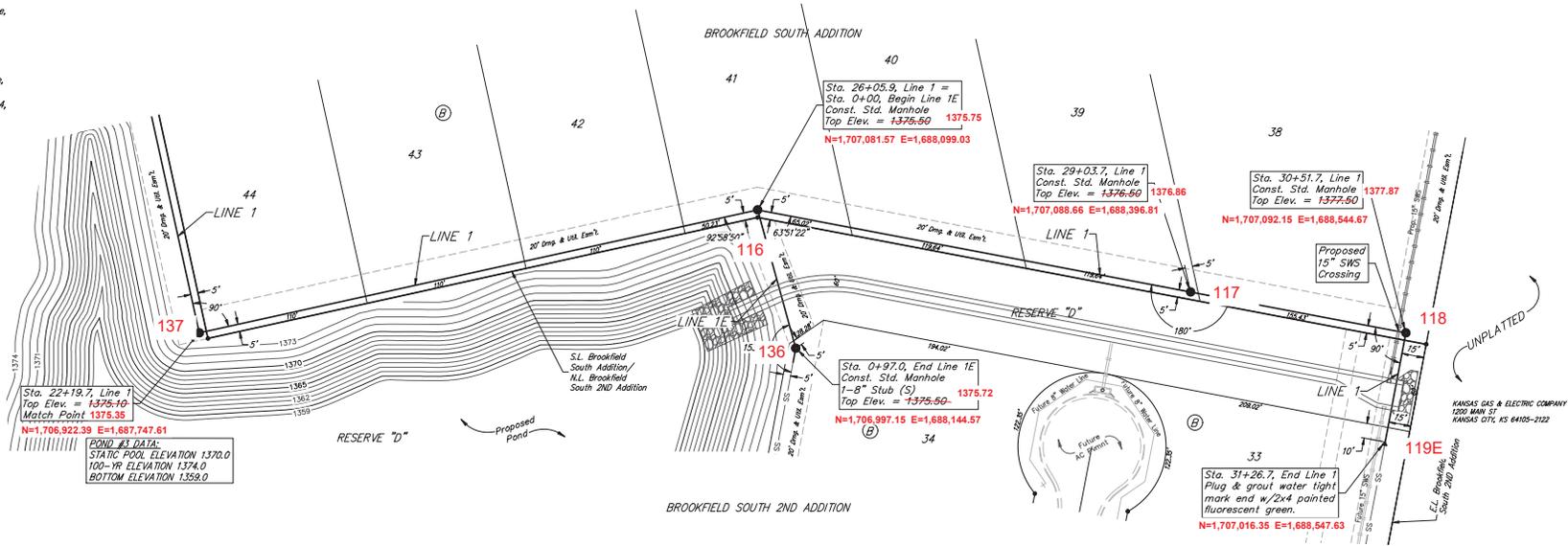
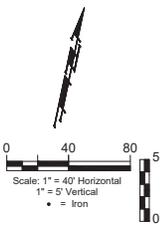
SHEET **4** OF **28**

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BENCHMARKS:
 RR spike in asphalt, SW Cor.,
 N1/2 SW1/4, Sec. 34, TWP. 26-S,
 R-2-E.
 Elev. = 1400.59 NAVD

R.R. spike in E. face of power pole,
 174'± N. of S. line, N1/2 SW1/4
 & 49'± E. of W. line, SW1/4, SEC.
 34, TWP. 26-S, R-2-E.
 Elev. = 1398.64 NAVD88

R.R. spike in S. face of power pole,
 294'± S. of N. line, SW1/4, &
 48'± E. of W. line, SW1/4, SEC. 34,
 TWP. 26-S, R-2-E.
 Elev. = 1386.14 NAVD88



BAUGHMAN COMPANY

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

Brookfield South Addition &
 Brookfield South 2nd Addition
 Phase I

**LINE 1 &
 LINE 1E**

SANITARY SEWER
 IMPROVEMENTS

PROJECT NUMBER:
 468-2022-012071

DESIGN: AEG DRAWN: JAK

DATE: Jun. 19, 2023

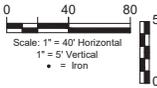
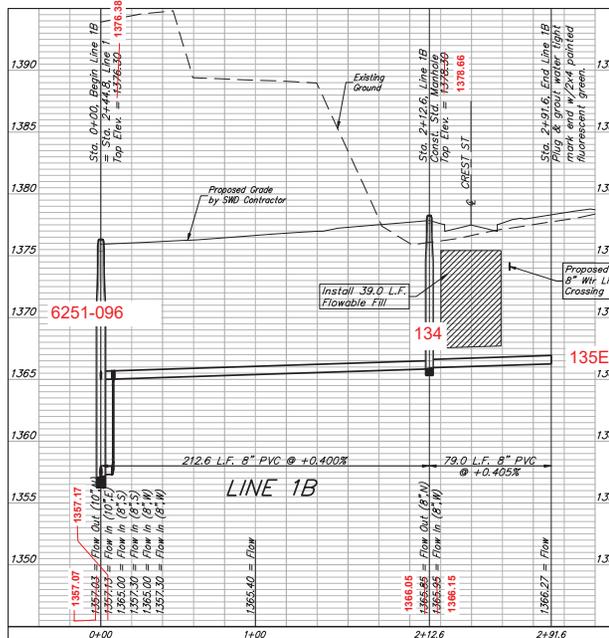
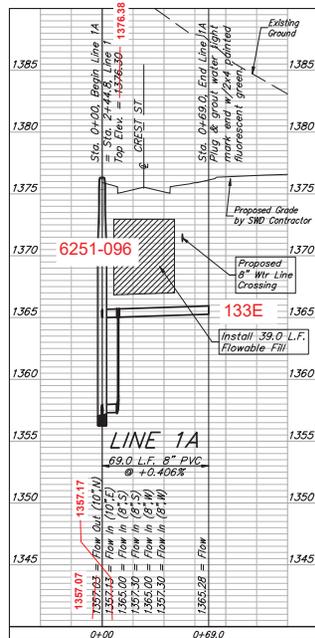
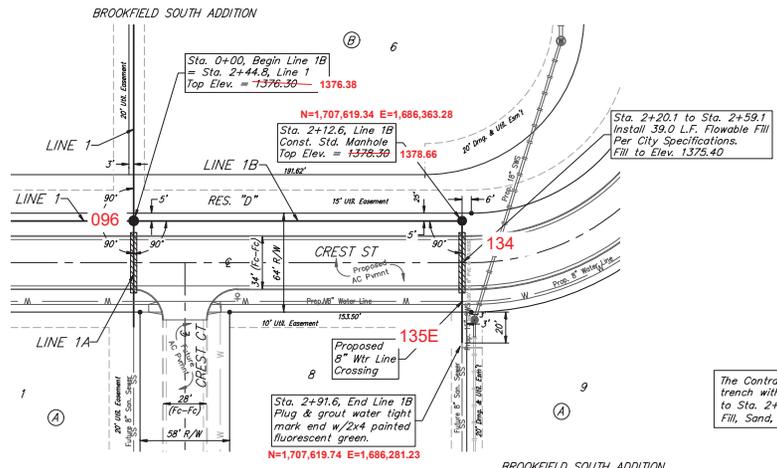
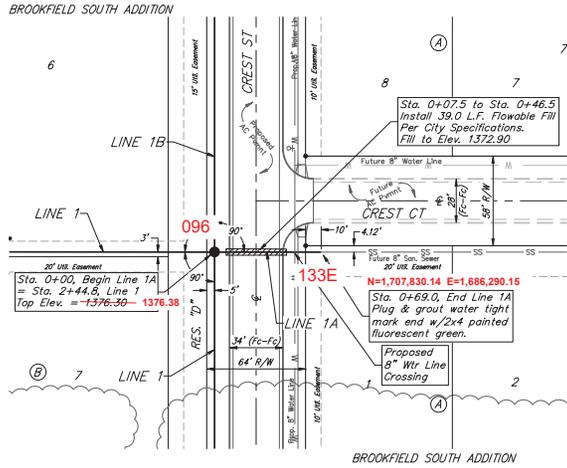
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BENCHMARKS:
 RR spike in asphalt, SW Cor.
 N1/2 SW1/4, Sec. 34, TWP. 26-S,
 R-2-E
 Elev. = 1400.59 NAVD

RR spike in E. face of power pole,
 174± N. of S. line, N1/2 SW1/4
 & 49± E. of W. line, SW1/4, SEC.
 34, TWP. 26-S, R-2-E.
 Elev. = 1398.64 NAVD88

RR spike in S. face of power pole,
 294± S. of N. line, SW1/4, &
 45± E. of W. line, SW1/4, SEC. 34,
 TWP. 26-S, R-2-E.
 Elev. = 1386.14 NAVD88



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

Brookfield South Addition &
 Brookfield South 2nd Addition
 Phase I

**LINE 1A &
 LINE 1B**

SANITARY SEWER
 IMPROVEMENTS

PROJECT NUMBER:
 468-2022-012071

DESIGN: AEG DRAWN: JAK

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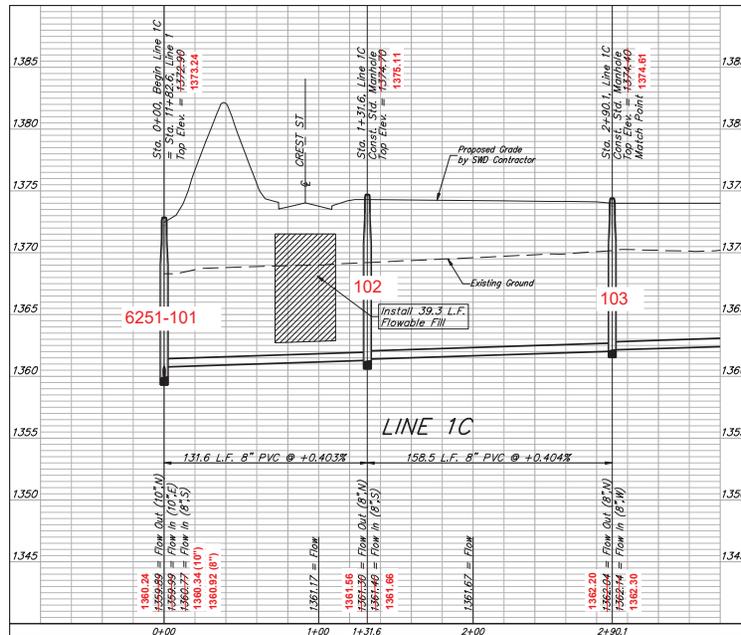
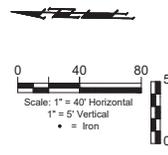
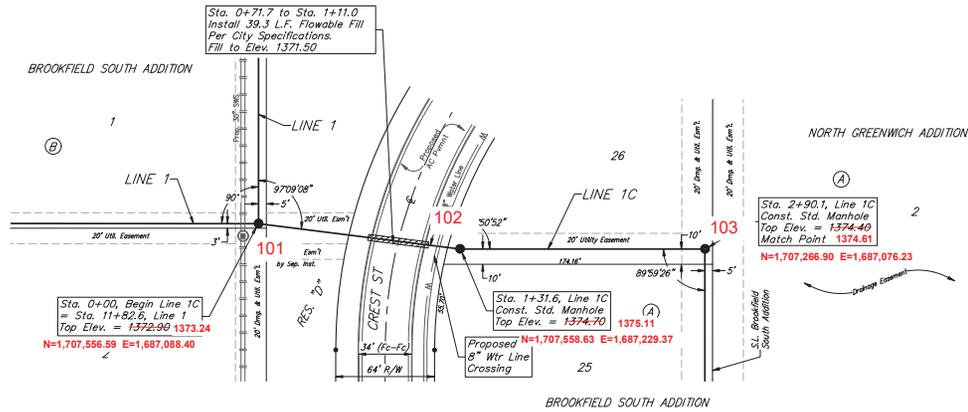
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BENCHMARKS:
 RR spike in asphalt, SW Cor.
 N1/2, SW1/4, Sec. 34, TWP. 26-S,
 R-2-E
 Elev. = 1400.59 NAVD

RR spike in E. face of power pole,
 174± N. of S. line, N1/2, SW1/4
 & 49± E. of W. line, SW1/4, SEC.
 34, TWP. 26-S, R-2-E
 Elev. = 1398.64 NAVD88

RR spike in S. face of power pole,
 294± S. of N. line, SW1/4, &
 45± E. of W. line, SW1/4, SEC. 34,
 TWP. 26-S, R-2-E
 Elev. = 1386.14 NAVD88



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

Brookfield South Addition & Brookfield South 2nd Addition (Engineering) Phase I

LINE 1C

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER: 468-2022-012071

DESIGN: AEG DRAWN: JAK

DATE: Jun. 19, 2023

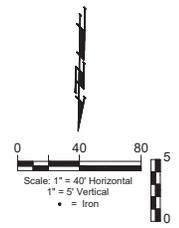
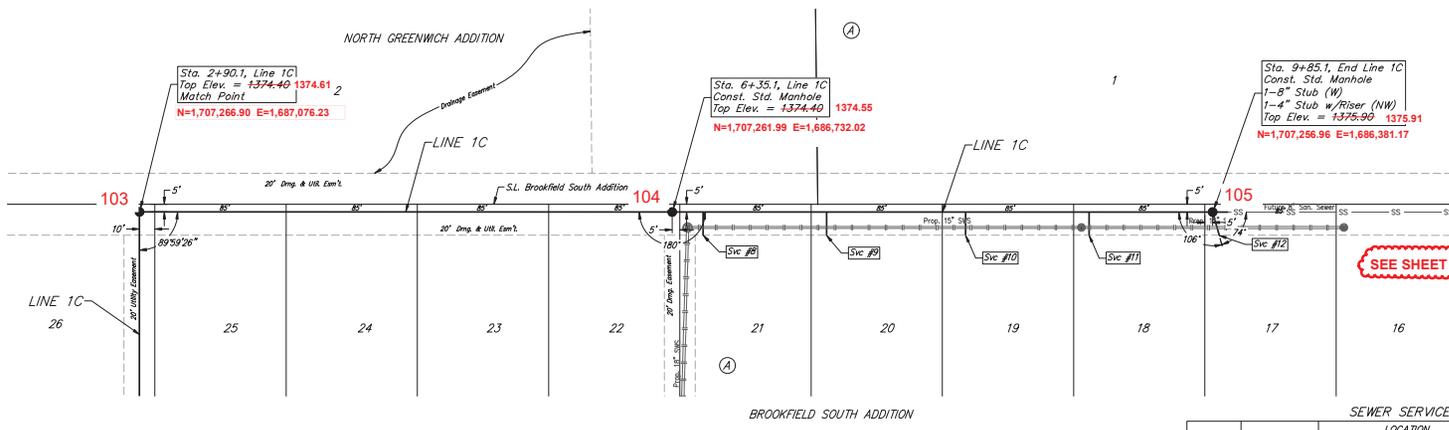
SHEET 7 OF 28

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BENCHMARKS:
 RR spike in asphalt, SW Cor.
 N1/2 SW1/4, Sec. 34, TWP. 26-S,
 R-2-E
 Elev. = 1400.59 NAVD

RR spike in E. face of power pole,
 174± N. of S. line, N1/2 SW1/4
 & 49± E. of W. line, SW1/4, SEC. 34,
 TWP. 26-S, R-2-E
 Elev. = 1398.64 NAVD88

RR spike in S. face of power pole,
 294± S. of N. line, SW1/4, &
 45± E. of W. line, SW1/4, SEC. 34,
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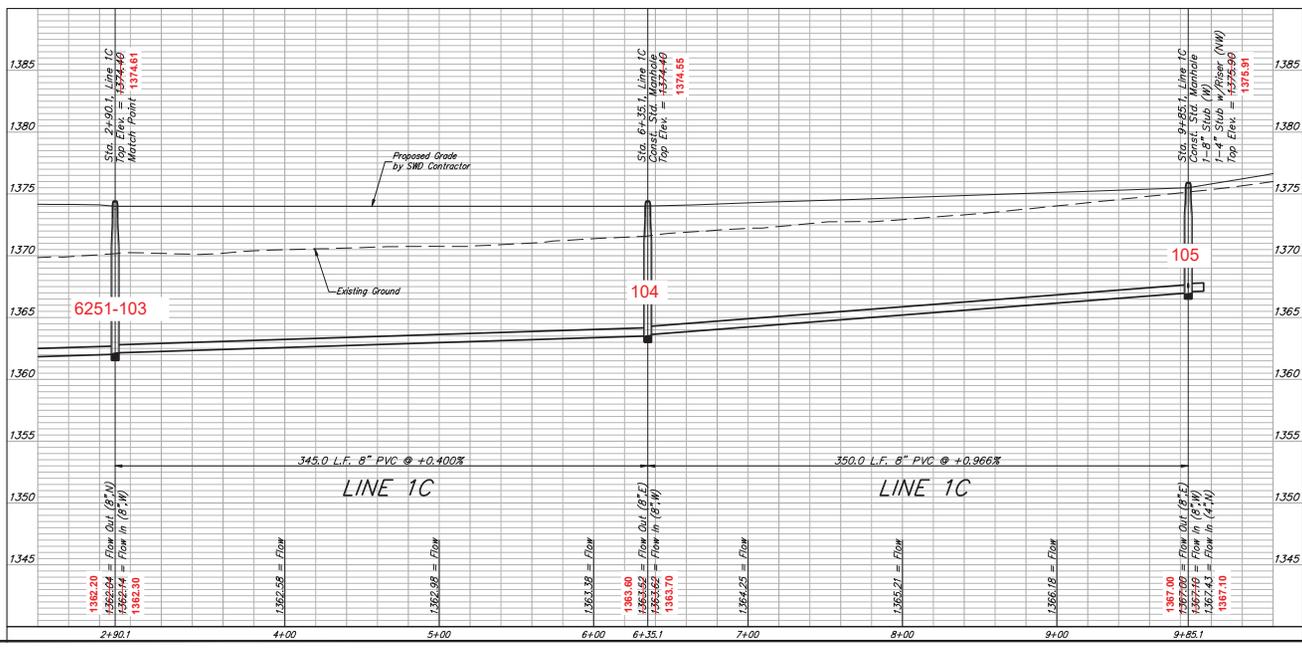


SEE SHEET BR FOR EXTENSION OF LINE 1C

- 8: N=1,707,275.78 E=1,686,711.15
- 9: N=1,707,274.65 E=1,686,628.93
- 10: N=1,707,272.60 E=1,686,642.68
- 11: N=1,707,272.78 E=1,686,459.24
- 12: N=1,707,272.47 E=1,686,374.01

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE
8	8" x 4" Tee	21	A	1C	6+55.1/RL	2.7'
9	8" x 4" Tee	20	A	1C	6+55.1/RL	3.4'
10	8" x 4" Tee	19	A	1C	8+25.1/RL	2.5'
11	8" x 4" Tee	18	A	1C	9+05.1/RL	3.3'
12	4" Stub	17	A	1C	9+85.1/RL	4.2'



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

Brookfield South Addition &
 Brookfield South 2nd Addition
 Phase I

LINE 1C

SANITARY SEWER
 IMPROVEMENTS

PROJECT NUMBER:
 468-2022-012071

DESIGN: AEG DRAWN: JAK
 DATE: Jun. 19, 2023

SHEET 8 OF 28

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BENCHMARKS:
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 R-2-E
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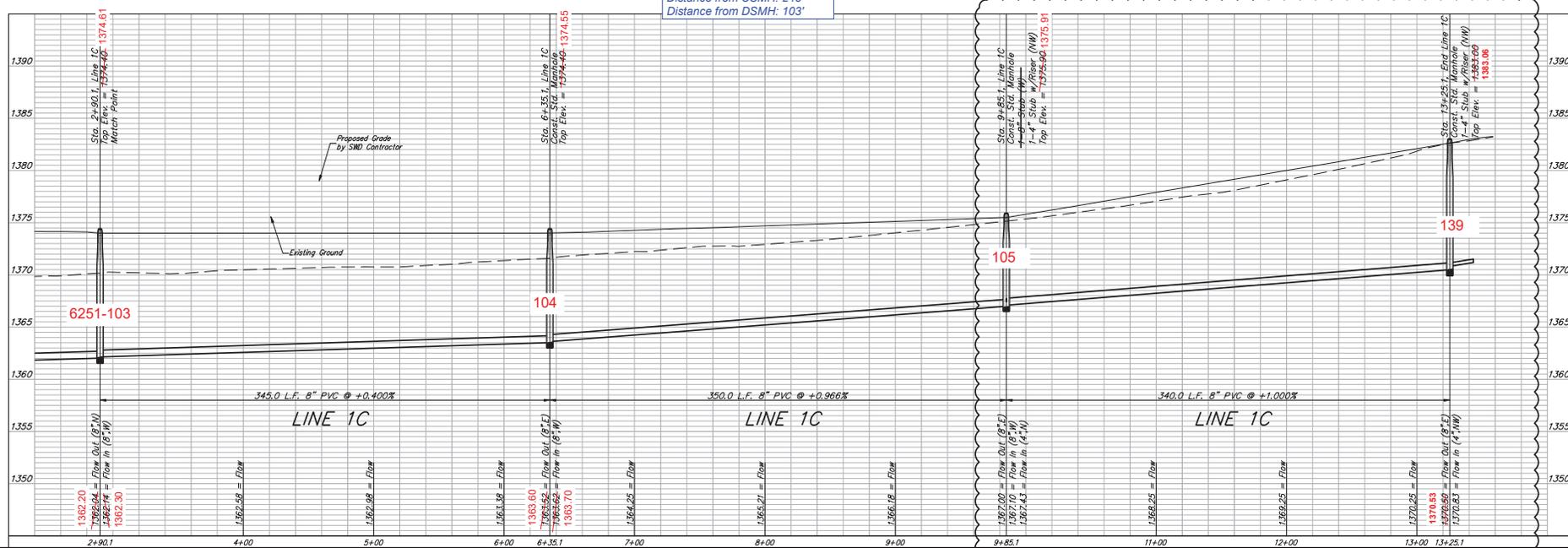
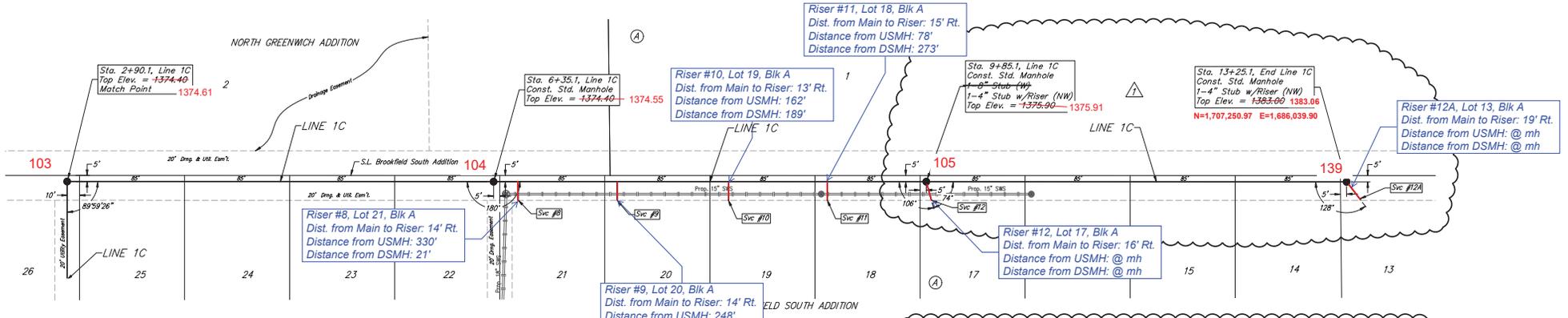
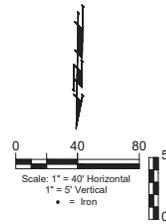
RR spike in E. face of power pole,
 174'± N. of S. line, N1/2 SW1/4
 & 49'± E. of W. line, SW1/4 SEC.
 34, TWP. 26-S, R-2-E.
 Elev. = 1398.64 NAVD88

RR spike in S. face of power pole,
 294'± S. of N. line, SW1/4, &
 45'± E. of W. line, SW1/4, SEC. 34,
 TWP. 26-S, R-2-E.
 Elev. = 1386.14 NAVD88

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL
8	8" X 4" Tee	21	A	1C	6+55.1/RL	2.7'	15'
9	8" X 4" Tee	20	A	1C	7+35.1/RL	3.4'	15'
10	8" X 4" Tee	19	A	1C	8+25.1/RL	2.5'	15'
11	8" X 4" Tee	18	A	1C	9+05.1/RL	3.3'	15'
12	4" Stub	17	A	1C	8+85.1/RL	4.2'	15'
12A	4" Stub	13	A	1C	13+25.1/RL	6.2'	19'

△ N=1,707,265.17 E=1,686,029.21

REVISION RECORD				
NO.	DATE	DESCRIPTION	DR.	BY
1	1/25/24	Addition of 1-Std. Manhole and 1-4" Stub w/Riser of Sta. 13+25.1, Line 1C and 340.0 L.F. 8" PVC from Sta. 9+85.1 to Sta. 13+25.1, Line 1C Delete 1-8" Stub (W) at Sta. 9+85.1, Line 1C	JAK	AEG



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Brookfield South Addition & Brookfield South 2nd Addition Phase I

LINE 1C

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
 468-2022-012071

DESIGN: AEG DRAWN: JAK

DATE: Jun. 19, 2023

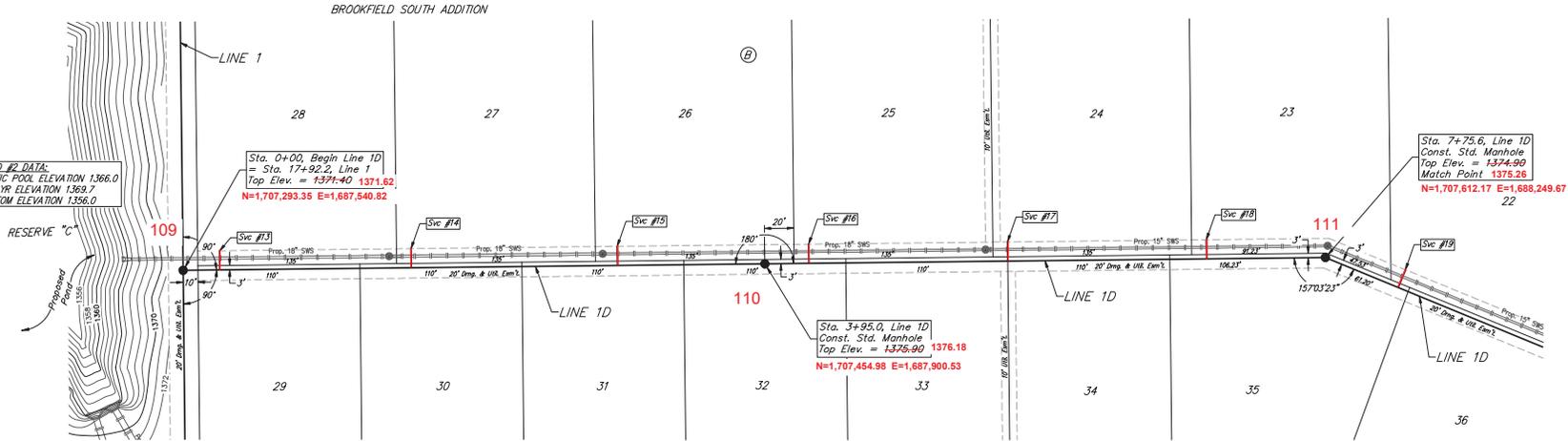
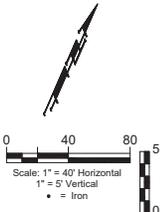
SHEET OF
8R 28

File: C:\Project\Brookfield South 2nd Addition\Engineering\Phase I\SB_22-02-EI-03.dwg

BENCHMARKS:
 RR spike in asphalt, SW Cor,
 N1/2, SW1/4, Sec. 34, TWP. 26-S,
 R-2-E.
 Elev. = 1400.59 NAVD

RR spike in E. face of power pole,
 174± N. of S. line, N1/2, SW1/4
 & 49± E. of W. line, SW1/4, SEC.
 34, TWP. 26-S, R-2-E.
 Elev. = 1398.64 NAVD88

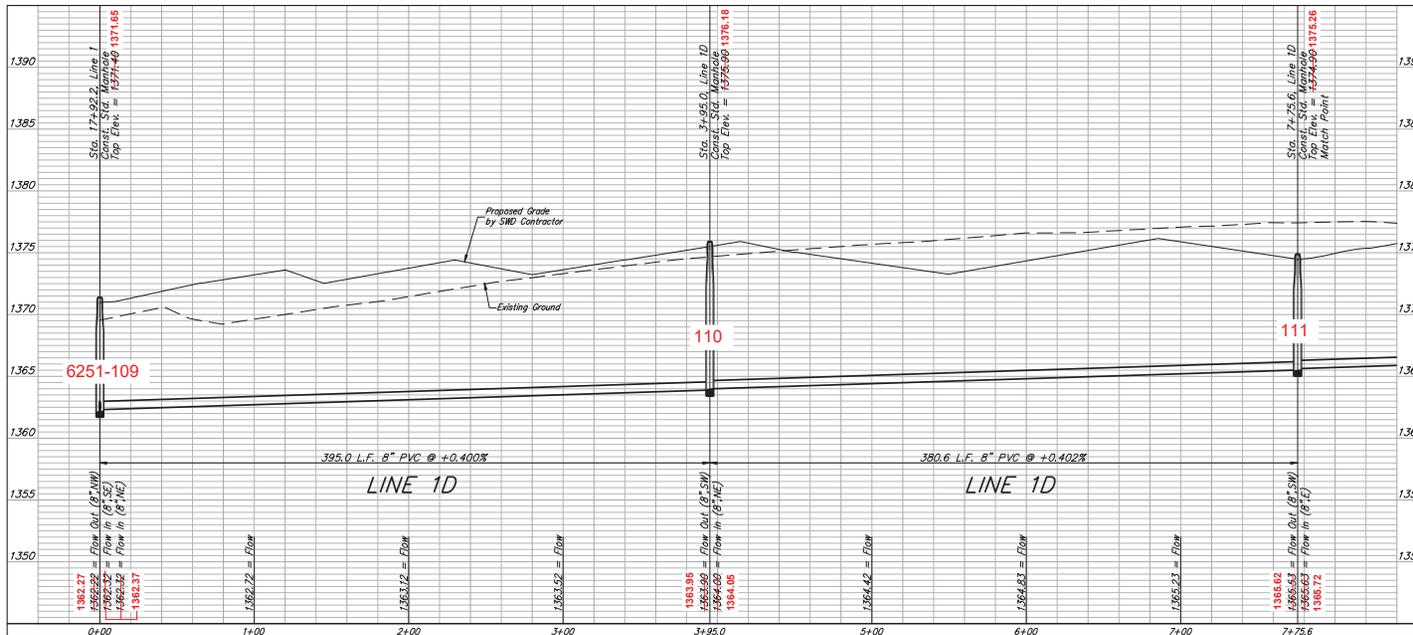
RR spike in S. face of power pole,
 204± S. of N. line, SW1/4, &
 48± E. of W. line, SW1/4, SEC. 34,
 TWP. 26-S, R-2-E.
 Elev. = 1386.14 NAVD88



SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY		Distance from Main to Riser (L/R)	Distance from	
		LOT NO.	BLOCK NO.	LINE NO.	APPROXIMATE LENGTH - 4" PIPE	VERTICAL		HORIZONTAL	Upstream MH
13	8" X 4" Tee	28	B	10	0+25.0/L	4.9'	13'	370'	25'
14	8" X 4" Tee	27	B	10	1+55.0/L	5.7'	13'	230'	155'
15	8" X 4" Tee	26	B	10	2+85.0/L	5.9'	13'	99'	295'
16	8" X 4" Tee	25	B	10	4+25.0/L	7.6'	14'	353'	30'
17	8" X 4" Tee	24	B	10	5+60.0/L	4.5'	13'	228'	155'
18	8" X 4" Tee	23	B	10	6+95.0/L	6.2'	14'	82'	301'

- 13: N=1,707,315.02 E=1,687,555.22
- 14: N=1,707,368.92 E=1,687,577.48
- 15: N=1,707,426.50 E=1,687,604.55
- 16: N=1,707,479.86 E=1,687,922.45
- 17: N=1,707,530.05 E=1,688,036.28
- 18: N=1,707,590.87 E=1,688,168.93



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Brookfield South Addition & Brookfield South 2nd Addition Phase I

LINE 1D

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
468-2022-012071

DESIGN: AEG DRAWN: JAK

DATE: Jun. 19, 2023

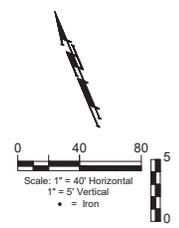
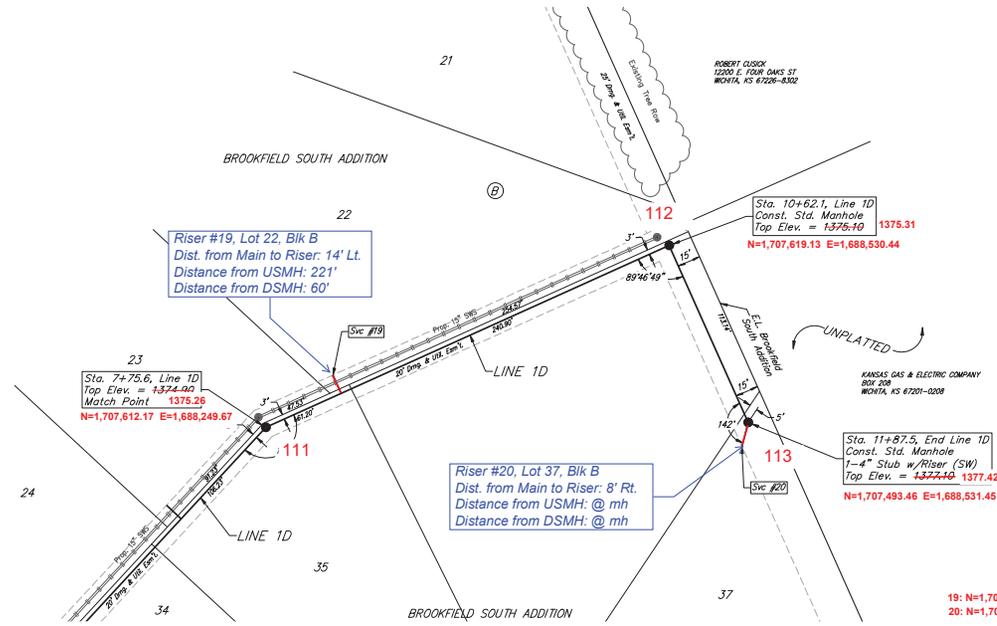
SHEET OF
9 28

File: E:\Project\Brookfield South 2nd Addition\Engineering\Phase I

BENCHMARKS:
 RR spike in asphalt, SW Cor.,
 N1/2, SW1/4, Sec. 34, TWP. 26-S,
 R-2-E.
 Elev. = 1400.59 NAVD

R.R. spike in E. face of power pole,
 174'± N. of S. line, N1/2, SW1/4
 & 49'± E. of W. line, SW1/4, SEC.
 34, TWP. 26-S, R-2-E.
 Elev. = 1398.64 NAVD88

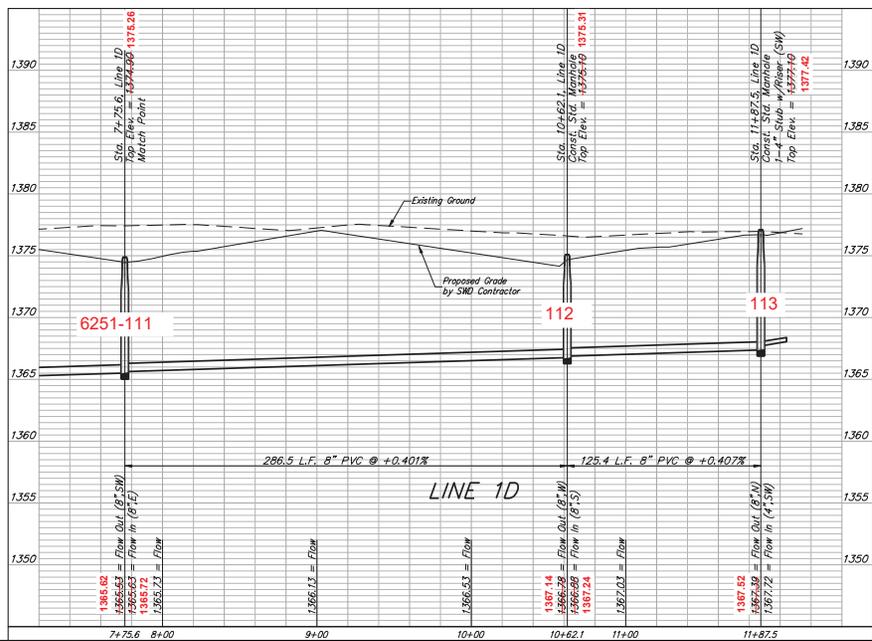
R.R. spike in S. face of power pole,
 234'± S. of N. line, SW1/4, &
 48'± E. of W. line, SW1/4, SEC. 34,
 TWP. 26-S, R-2-E.
 Elev. = 1386.14 NAVD88



19: N=1,707,627.80 E=1,688,308.35
 20: N=1,707,482.61 E=1,688,823.35

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE
19	8" x 4" Tee	22	B	1D	8+29.7/Lt.	6' 2"
20	4" Stub	37	B	1D	11+87.5/Rt.	4.6'



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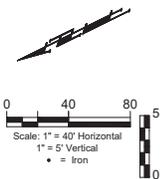
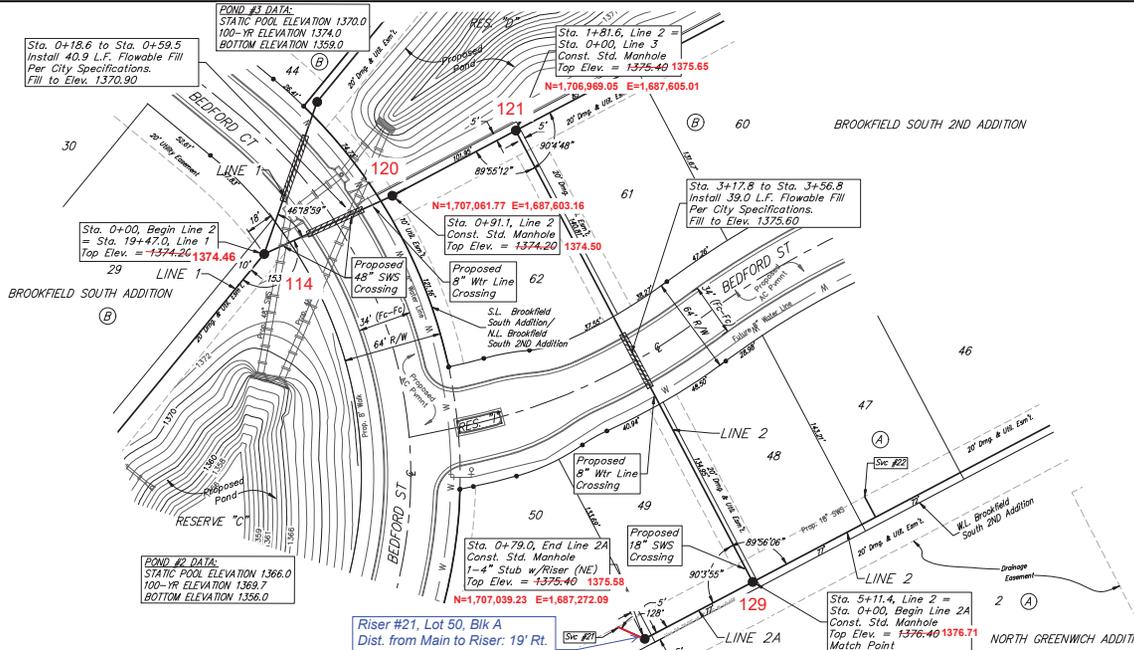
Brookfield South Addition &
 Brookfield South 2nd Addition
 Phase I

LINE 1D

SANITARY SEWER
 IMPROVEMENTS
 PROJECT NUMBER:
 468-2022-012071
 DESIGN: AEG DRAWN: JAK
 DATE: Jun. 19, 2023
 SHEET OF
10 28

File: C:\Project\Brookfield South 2nd Addition\Engineering\Phase I\SB_22-02-01-10.dwg

BENCHMARKS:
 RR spike in asphalt, SW Cor., N1/2, SW1/4, Sec. 34, TWP. 26-S, R-2-E. Elev. = 1400.59 NAVD
 R.R. spike in E. face of power pole, 174'± N. of S. line, N1/2, SW1/4 & 49'± E. of W. line, SW1/4, SEC. 34, TWP. 26-S, R-2-E. Elev. = 1398.64 NAVD88
 R.R. spike in S. face of power pole, 204'± S. of N. line, SW1/4, & 48'± E. of W. line, SW1/4, SEC. 34, TWP. 26-S, R-2-E. Elev. = 1386.14 NAVD88



POND #1 DATA:
 STATIC POOL ELEVATION 1370.0
 100-YR ELEVATION 1374.0
 BOTTOM ELEVATION 1359.0

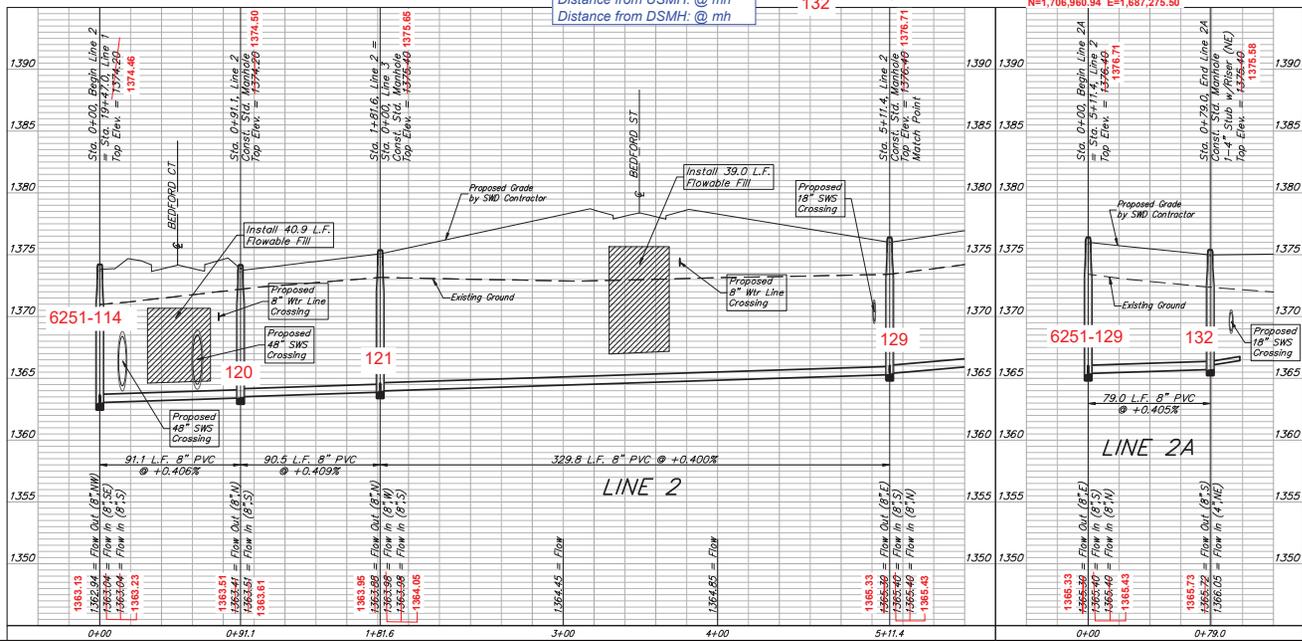
POND #2 DATA:
 STATIC POOL ELEVATION 1366.0
 100-YR ELEVATION 1369.7
 BOTTOM ELEVATION 1356.0

Riser #21, Lot 50, Blk A
 Dist. from Main to Riser: 19' Rt.
 Distance from USMH: @ mh
 Distance from DSMH: @ mh

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY		
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
						VERTICAL	HORIZONTAL
21	4" Stub	50	1	2A	0+71.0/RL	1'	19'

21: N=1,707,052.73 E=1,687,287.73



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Brookfield South Addition & Brookfield South 2nd Addition Phase I

LINE 2 & LINE 2A

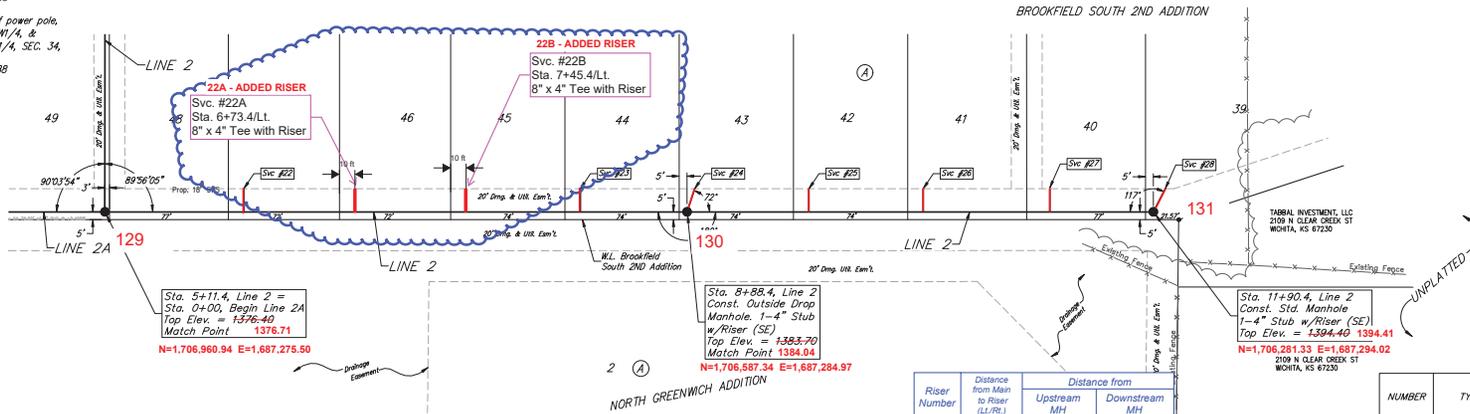
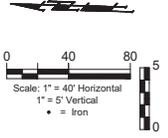
SANITARY SEWER IMPROVEMENTS
 PROJECT NUMBER: 468-2022-012071
 DATE: Jun. 19, 2023
 SHEET OF 11 28

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BENCHMARKS:
 RR spike in asphalt, SW Cor.,
 N1/2, SW1/4, Sec. 34, TWP. 26-S,
 R-2-E.
 Elev. = 1400.59 NAVD

RR spike in E. face of power pole,
 174'± N. of S. line, N1/2, SW1/4
 & 49'± E. of W. line, SW1/4, SEC.
 34, TWP. 26-S, R-2-E.
 Elev. = 1398.64 NAVD88

RR spike in S. face of power pole,
 294'± S. of N. line, SW1/4, &
 48'± E. of W. line, SW1/4, SEC. 34,
 TWP. 26-S, R-2-E.
 Elev. = 1386.14 NAVD88



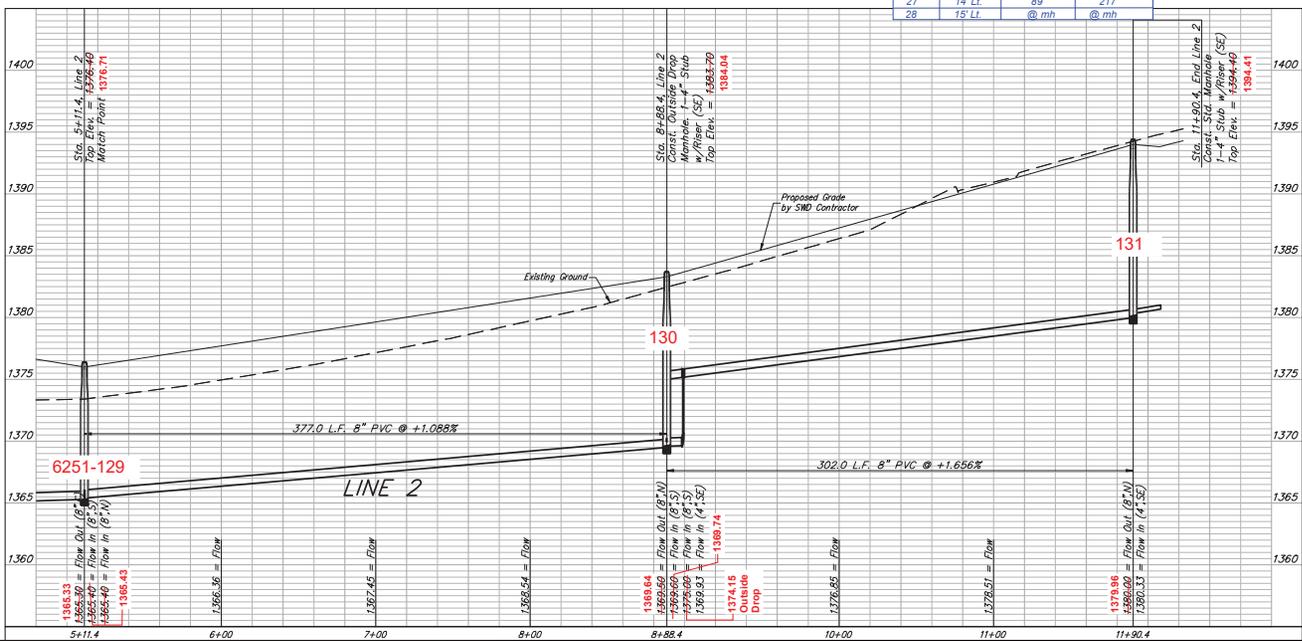
Riser Number	Distance from Main to Riser (L/R)	Distance from	
		Upstream MH	Downstream MH
22	15' LL	284'	90'
22A	16' LL	212'	162'
22B	15' LL	139'	235'
23	16' LL	65'	309'
24	14' LL	@ mh	@ mh
25	15' LL	235'	72'
26	15' LL	161'	146'
27	14' LL	89'	217'
28	15' LL	@ mh	@ mh

- 22: N=1,706,871.30 E=1,687,292.29
- 23: N=1,706,652.64 E=1,687,288.91
- 24: N=1,706,581.57 E=1,687,288.96
- 25: N=1,706,516.36 E=1,687,302.28
- 26: N=1,706,442.30 E=1,687,304.40
- 27: N=1,706,370.61 E=1,687,305.19
- 28: N=1,706,275.25 E=1,687,309.05

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH	4\"/>
22	8\"/>						
23	8\"/>						
24	8\"/>						
25	8\"/>						
26	8\"/>						
27	8\"/>						
28	4\"/>						

- 22A: N=1,706,799.83 E=1,687,295.63
- 22B: N=1,706,726.78 E=1,687,296.36



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Brookfield South Addition &
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 Phase I

LINE 2

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
 468-2022-012071

DESIGN: AEG DRAWN: JAK

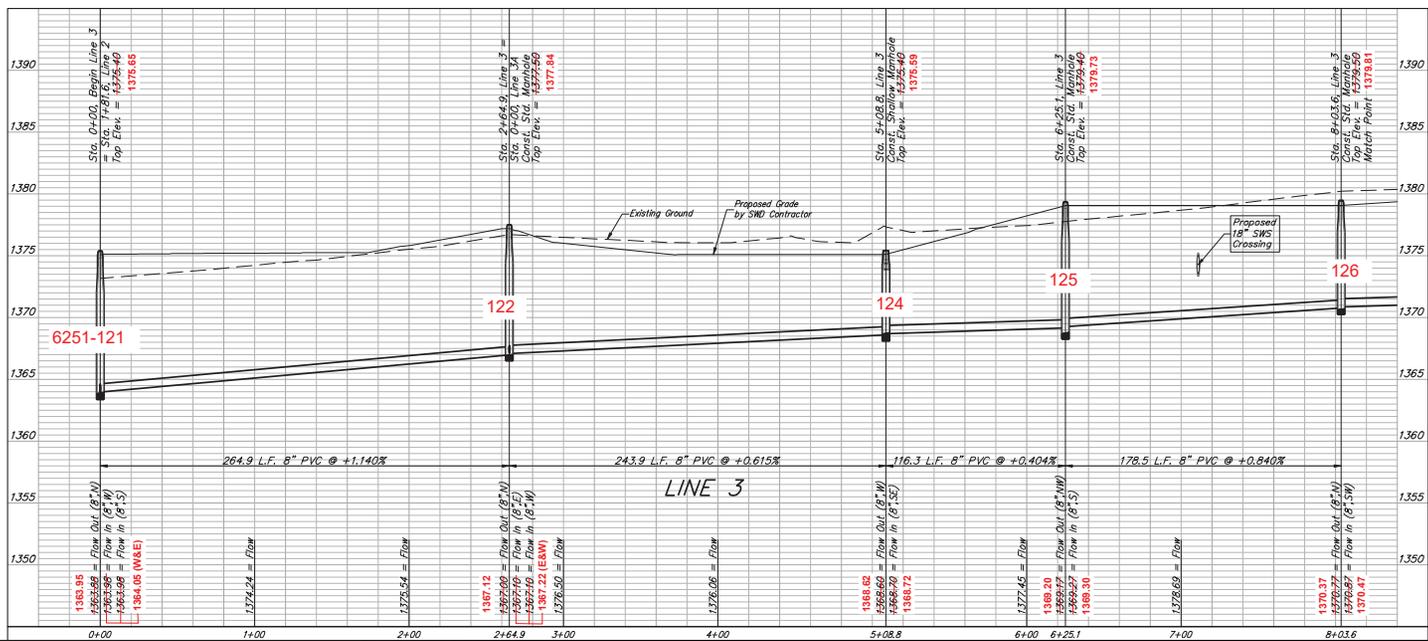
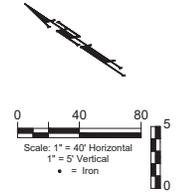
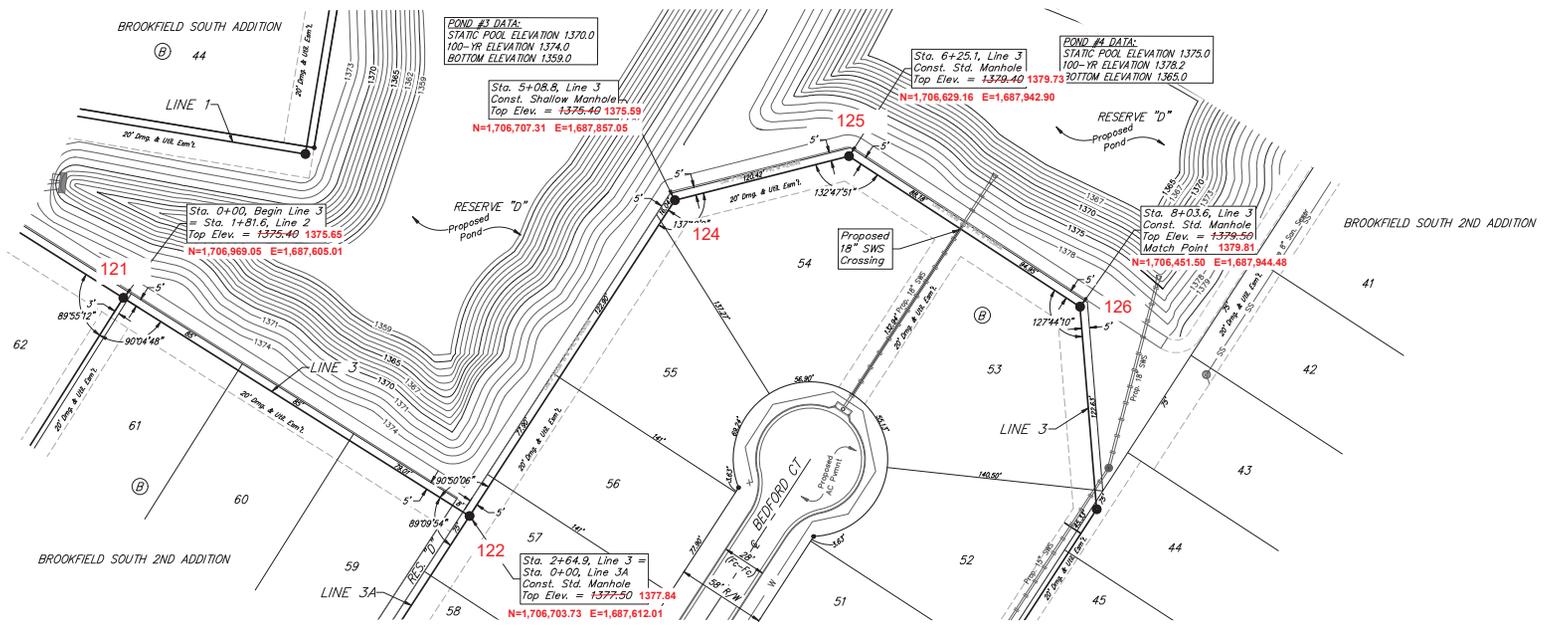
DATE: Jun. 19, 2023

SHEET OF
12 28

Rev. 11/12/23: Added Risers to Lots 45-46, Blk A - AEG

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BENCHMARKS:
 RR spike in asphalt, SW Cor.,
 N1/2, SW1/4, Sec. 34, TWP. 26-S,
 R-2-E.
 Elev. = 1400.59 NAVD
 R.R. spike in E. face of power pole,
 174'± N. of S. line, N1/2, SW1/4
 & 49'± E. of W. line, SW1/4, SEC.
 34, TWP. 26-S, R-2-E.
 Elev. = 1398.64 NAVD88
 R.R. spike in S. face of power pole,
 294'± S. of N. line, SW1/4, &
 48'± E. of W. line, SW1/4, SEC. 34,
 TWP. 26-S, R-2-E.
 Elev. = 1386.14 NAVD88



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 Phase I

LINE 3

SANITARY SEWER
 IMPROVEMENTS

PROJECT NUMBER:
 468-2022-012071

DESIGN: AEG DRAWN: JAK
 DATE: Jun. 19, 2023

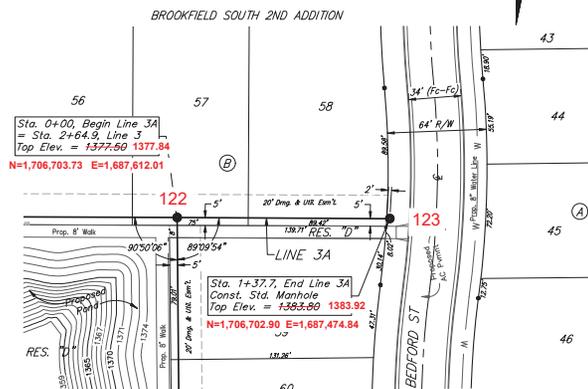
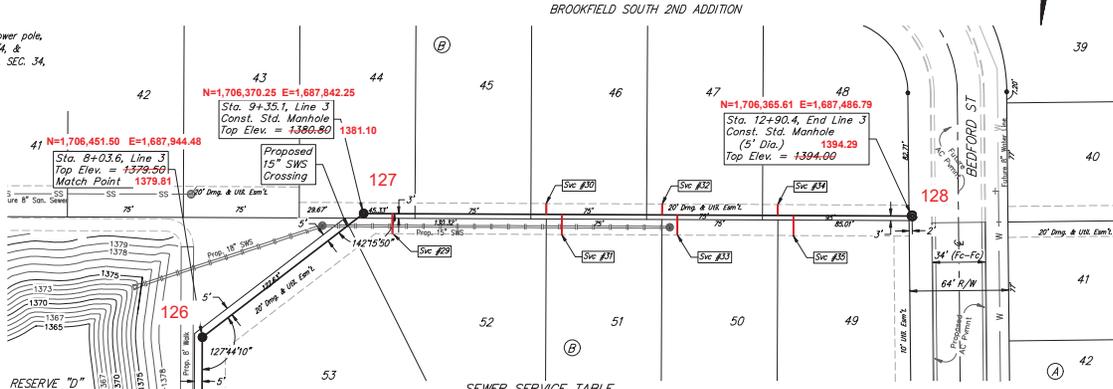
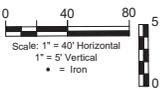
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13 28

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BENCHMARKS:
 RR spike in asphalt, SW Cor.,
 N1/2, SW1/4, Sec. 34, TWP. 26-S,
 R-2-E.
 Elev. = 1400.59 NAVD

RR spike in E. face of power pole,
 174± N. of S. line, N1/2, SW1/4
 & 49± E. of W. line, SW1/4, SEC.
 34, TWP. 26-S, R-2-E
 Elev. = 1398.64 NAVD88

RR spike in S. face of power pole,
 294± S. of N. line, SW1/4 &
 48± E. of W. line, SW1/4, SEC. 34,
 TWP. 26-S, R-2-E.
 Elev. = 1386.14 NAVD88



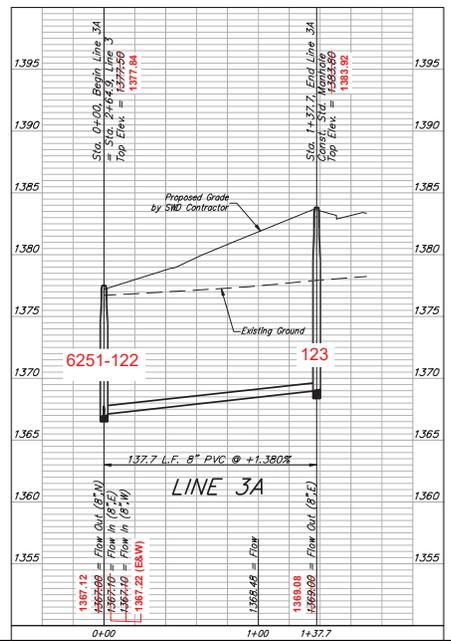
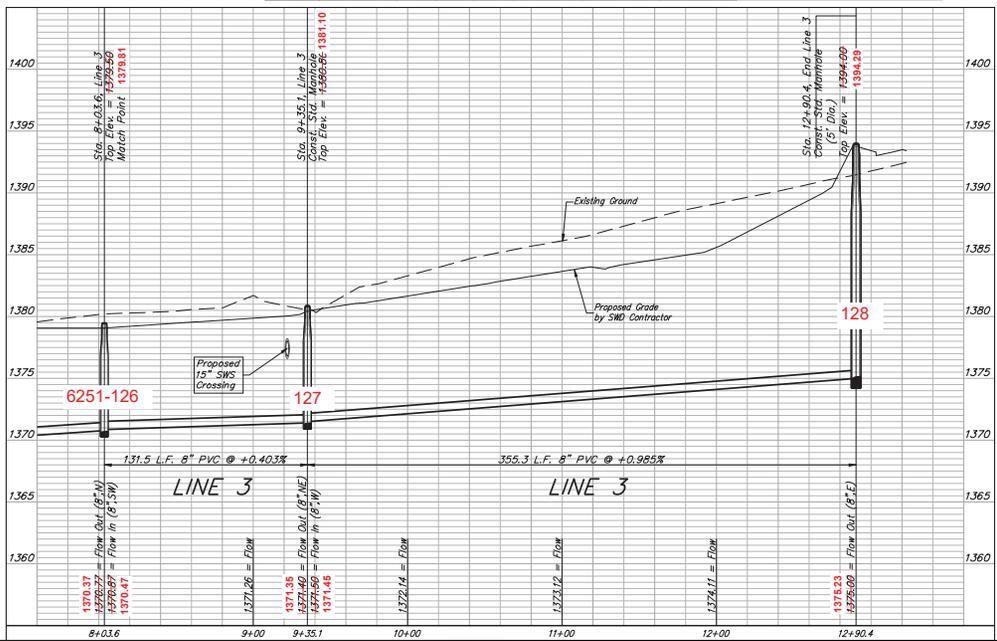
SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY		Distance from			
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH	VERTICAL	HORIZONTAL	Man to Riser (L/R)	Upstream MH
29	8" x 4" Tee	52	B	3	9+53.9/R	4.8'	13"	13' RL	337"	18"
30	8" x 4" Tee	46	B	3	10+63.4/L	6.1'	7"	7' LL	238"	118"
31	8" x 4" Tee	51	B	3	10+63.4/L	5.7'	13"	13' RL	229"	127"
32	8" x 4" Tee	47	B	3	11+28.4/L	6.8'	13"	8' LL	162"	194"
33	8" x 4" Tee	50	B	3	11+38.4/R	5.8'	13"	13' RL	152"	204"
34	8" x 4" Tee	48	B	3	12+03.4/L	8.2'	7"	7' LL	87"	268"
35	8" x 4" Tee	49	B	3	12+13.4/R	7.8'	13"	13' RL	78"	278"

POND #4 DATA:
 STATIC POOL ELEVATION 1375.0
 100-YR ELEVATION 1378.2
 BOTTOM ELEVATION 1365.0

29: N=1,706,382.91 E=1,687,824.04
 30: N=1,706,382.01 E=1,687,724.96
 31: N=1,706,381.07 E=1,687,715.07
 32: N=1,706,380.09 E=1,687,648.47
 33: N=1,706,380.74 E=1,687,638.80
 34: N=1,706,359.71 E=1,687,574.26
 35: N=1,706,379.53 E=1,687,564.26

POND #3 DATA:
 STATIC POOL ELEVATION 1370.0
 100-YR ELEVATION 1374.0
 BOTTOM ELEVATION 1359.0



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Brookfield South Addition &
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 Phase I

**LINE 3 &
 LINE 3A**

SANITARY SEWER
 IMPROVEMENTS

PROJECT NUMBER:
 468-2022-012071

DESIGN: AEG DRAWN: JAK

DATE: Jun. 19, 2023

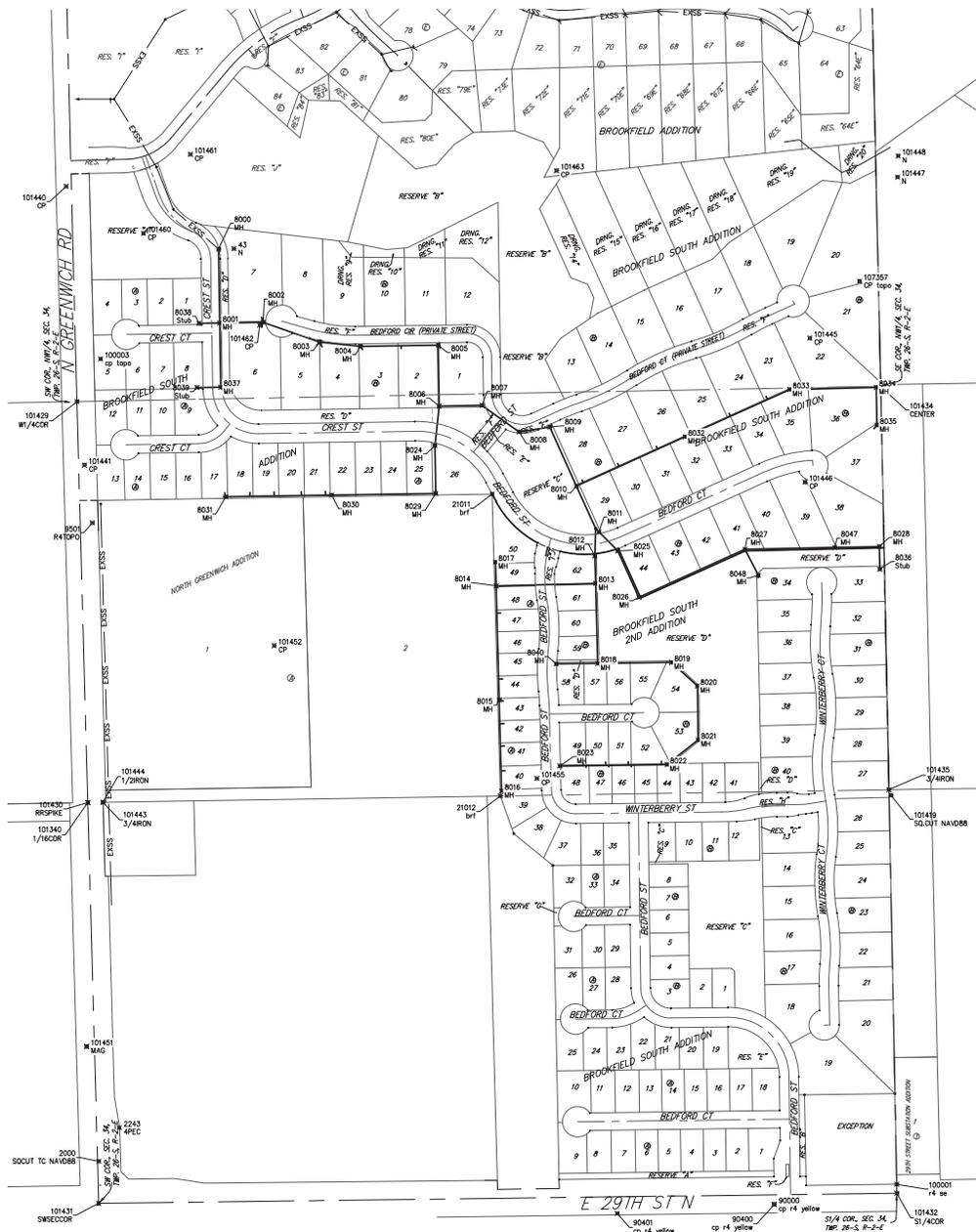
SHEET 14 OF 28

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BENCHMARKS:
 RR spike in asphalt, SW Cor.,
 N1/2, SW1/4, Sec. 34, TWP. 26-S,
 R-2-E.
 Elev. = 1400.59 NAVD

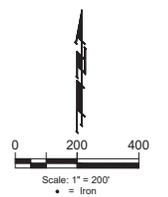
R.R. spike in E. face of power pole,
 174± N. of S. line, N1/2, SW1/4
 & 49± E. of W. line, SW1/4, SEC.
 34, TWP. 26-S, R-2-E.
 Elev. = 1398.64 NAVD88

RR spike in S. face of power pole,
 294± S. of N. line, SW1/4, &
 48± E. of W. line, SW1/4, SEC. 34,
 TWP. 26-S, R-2-E.
 Elev. = 1386.14 NAVD88



CONTROL POINTS			
Point	Northing	Eastng	Desc
43	1,708,078.34	1,686,407.30	N
115	1,705,436.89	1,685,919.22	MAG
2000	1,705,056.38	1,685,959.43	SOQUIT TC NAVD88
2243	1,705,167.85	1,686,027.16	4PEC
9501	1,707,170.64	1,685,937.87	R4TOPD
21011	1,707,265.96	1,687,282.73	brf
21012	1,706,266.05	1,687,289.70	brf
90000	1,704,913.77	1,688,197.42	cp r4 yellow
90400	1,704,913.77	1,688,197.42	cp r4 yellow
90401	1,704,883.66	1,687,677.42	cp r4 yellow
100001	1,704,980.48	1,688,603.37	r4 se
100003	1,707,713.30	1,685,965.06	cp topo
101340	1,706,244.56	1,685,923.03	1/16COR
101419	1,706,267.93	1,688,585.01	SOQUIT NAVD88
101429	1,707,572.07	1,688,886.95	WT/ACOR
101430	1,706,244.56	1,685,923.03	RRSPK
101431	1,704,917.04	1,688,959.11	SWS/ACOR
101432	1,704,950.64	1,688,603.97	SI/ACOR
101434	1,707,622.53	1,688,550.20	CENTER
101435	1,706,286.88	1,688,577.45	3/ARON
101440	1,708,284.39	1,688,858.98	CP
101441	1,707,361.37	1,688,211.99	CP
101443	1,706,245.30	1,685,973.06	3/ARON
101444	1,706,245.23	1,685,973.10	1/2BRON
101445	1,707,782.11	1,688,315.39	CP
101446	1,707,305.60	1,688,299.42	CP
101447	1,708,315.49	1,688,605.70	N
101448	1,708,385.22	1,688,607.85	N
101449	1,707,092.07	1,688,546.07	CP
101451	1,705,436.89	1,685,919.22	MAG
101452	1,706,763.78	1,686,540.29	CP
101458	1,706,323.90	1,687,411.43	CP
101460	1,708,129.47	1,688,106.89	CP
101461	1,708,390.67	1,688,262.73	CP
101462	1,707,825.91	1,686,492.72	CP
101463	1,708,336.93	1,687,476.01	CP
107357	1,707,970.72	1,688,479.93	CP Topo

SS POINTS			
Point	Northing	Eastng	Desc
8000	1,707,076.97	1,686,256.37	MH
8001	1,707,832.22	1,686,300.27	MH
8002	1,707,834.51	1,686,504.32	MH
8003	1,707,769.14	1,686,690.98	MH
8004	1,707,755.01	1,686,826.22	MH
8005	1,707,759.13	1,687,084.19	MH
8006	1,707,557.15	1,687,087.41	MH
8007	1,707,559.41	1,687,228.90	MH
8008	1,707,472.08	1,687,351.83	MH
8009	1,707,487.54	1,687,454.00	MH
8010	1,707,232.56	1,687,542.18	MH
8011	1,707,140.18	1,687,616.58	MH
8012	1,707,060.49	1,687,603.16	MH
8013	1,706,973.03	1,687,605.63	MH
8014	1,706,961.49	1,687,725.90	MH
8015	1,706,584.63	1,687,286.09	MH
8016	1,706,282.74	1,687,294.25	MH
8017	1,707,040.47	1,687,273.77	MH
8018	1,706,705.19	1,687,612.85	MH
8019	1,706,708.29	1,687,856.69	MH
8020	1,706,630.38	1,687,943.01	MH
8021	1,706,450.90	1,687,945.28	MH
8022	1,706,370.08	1,687,842.28	MH
8023	1,706,365.56	1,687,487.07	MH
8024	1,707,426.36	1,687,073.11	MH
8025	1,707,077.28	1,687,679.06	MH
8026	1,706,923.80	1,687,748.47	MH
8027	1,707,082.96	1,688,100.41	MH
8028	1,707,092.07	1,688,546.07	MH
8029	1,707,287.86	1,687,075.63	MH
8030	1,707,282.42	1,686,730.68	MH
8031	1,707,256.90	1,686,380.72	MH
8032	1,707,455.32	1,687,902.09	MH
8033	1,707,612.16	1,688,248.89	MH
8034	1,707,619.12	1,688,535.29	MH
8035	1,707,493.73	1,688,537.86	MH
8036	1,707,017.09	1,688,547.60	Stub
8037	1,707,619.62	1,686,363.66	MH
8038	1,707,831.12	1,686,291.28	Stub
8039	1,707,618.36	1,686,284.67	Stub
8040	1,706,703.44	1,687,475.13	MH
8047	1,707,089.05	1,688,398.10	MH
8048	1,706,996.76	1,688,144.93	MH



BAUGHMAN COMPANY

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Brookfield South Addition &
 Brookfield South 2nd Addition
COORDINATES

SANITARY SEWER
 IMPROVEMENTS

PROJECT NUMBER:
 468-2022-012071

DESIGN: AEG DRAWN: JAK
 DATE: Jun. 19, 2023

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