

SANITARY SEWER EXTENSION TO SERVE BELLECHASE 3RD ADDITION PHASE 5 CITY OF WICHITA, KANSAS

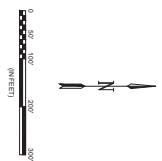
Paul Gunzelma, P.E. - City Engineer
 Project Number: 468-2023-029751
 Orig Code Number: 47270223
 Munis Number: E3146

6346C

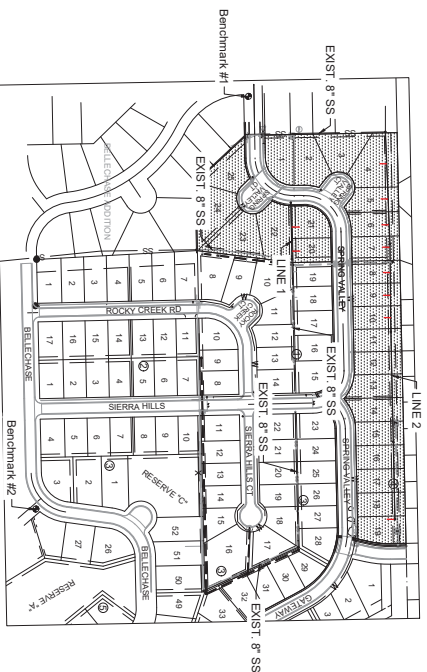
4MC-SC

Mes Construction - Contractor
 K. Kane - City of Wichita, Field Project Engineer
 Asha-Jal - City of Wichita, Inspector
 Sula & Myers - City of Wichita, Engineer
 Completion Date
 pdf: ssp 11/6/2024

DEVELOPER'S CONTACT INFORMATION
 Astatic Builders
 316-680-7356



SHEET	TITLE
1	TITLE SHEET
2	GENERAL NOTES
3	PREF-CAST SSMH
4	MANHOLE COVER
5	VERTICAL CURVE ASSEMBLY
6	SS LINE 1
7	SS LINE 2 (1 OF 4)
8	SS LINE 2 (2 OF 4)
9	SS LINE 2 (3 OF 4)
10	SS LINE 2 (4 OF 4)
11	COORDINATE MAP (1 OF 2)
12	COORDINATE MAP (2 OF 2)
13	EROSION CONTROL PLAN
14	BACK-OF-CRAB DETAILS
15	SUBDIVISION DEVELOPMENT PROCESS
16	STREET IMPROVEMENT PROJECTS
17	STRAWDALE DETAILS
18	SILT FENCE DETAILS
19	PAVEMENT PLAN



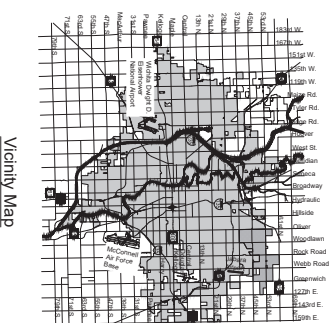
IMPROVEMENT DISTRICT



Benchmarks

BENCHMARK #1: CHISEL SQUARE ON THE
 CORNER OF SPRING VALLEY AND
 HICKSBACK
 ELEVATION = 1311.27 (NAD83)
 BENCHMARK #2: CHISEL SQUARE ON THE
 CORNER OF ALDEN AND BELLECHASE
 ELEVATION = 1323.51 (NAD83)

NOTE: ALL coordinates shown are modified UTM83 Zone 18N
 coordinates. The coordinates shown are for the
 NAD83 Kansas State Plane Zone South coordinates using the
 datum datum is NAVD83 Geoid 150 meters above sea level



Vicinity Map

PROJECT
 LOCATION

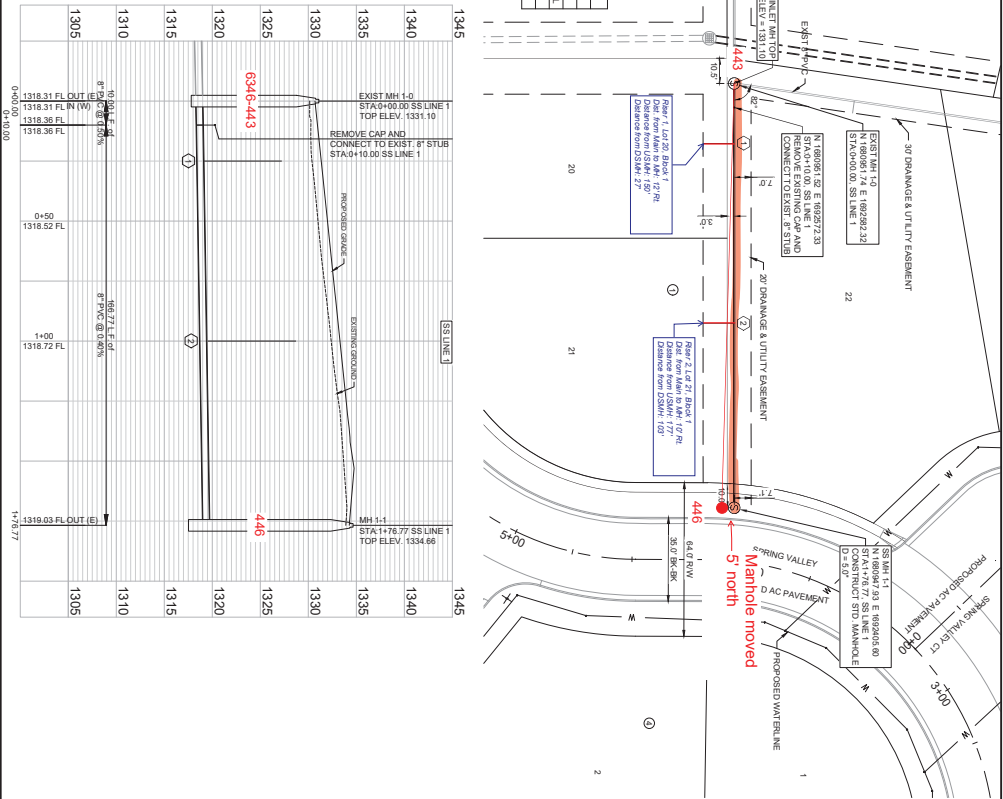
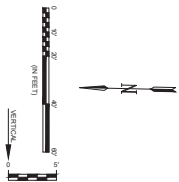
DEC 2023

PLANS PREPARED BY

GARNER
 GARNER
 1965 Mulford Road
 Suite 100
 Wichita, KS 67201
 (316) 264-3008
 www.garnerusa.com
 Project No. 23171803

SEWER SERVICE RISER TABLE					
NUMBER	TYPE	SERVING		FOR INFORMATION ONLY	
		LOT BLOCK	LINE	APPROX. LENGTH OF PIPE	VERTICAL HORIZONTAL
1	Riser	20	1	13.0	13.0
2	Riser	21	1	9.2	13.0

NOTE: NO RISER MAINT. SHALL BE NECESSARY TO THE BIDDER FOR SITE CLEARING.



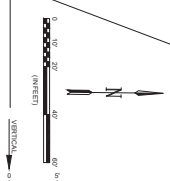
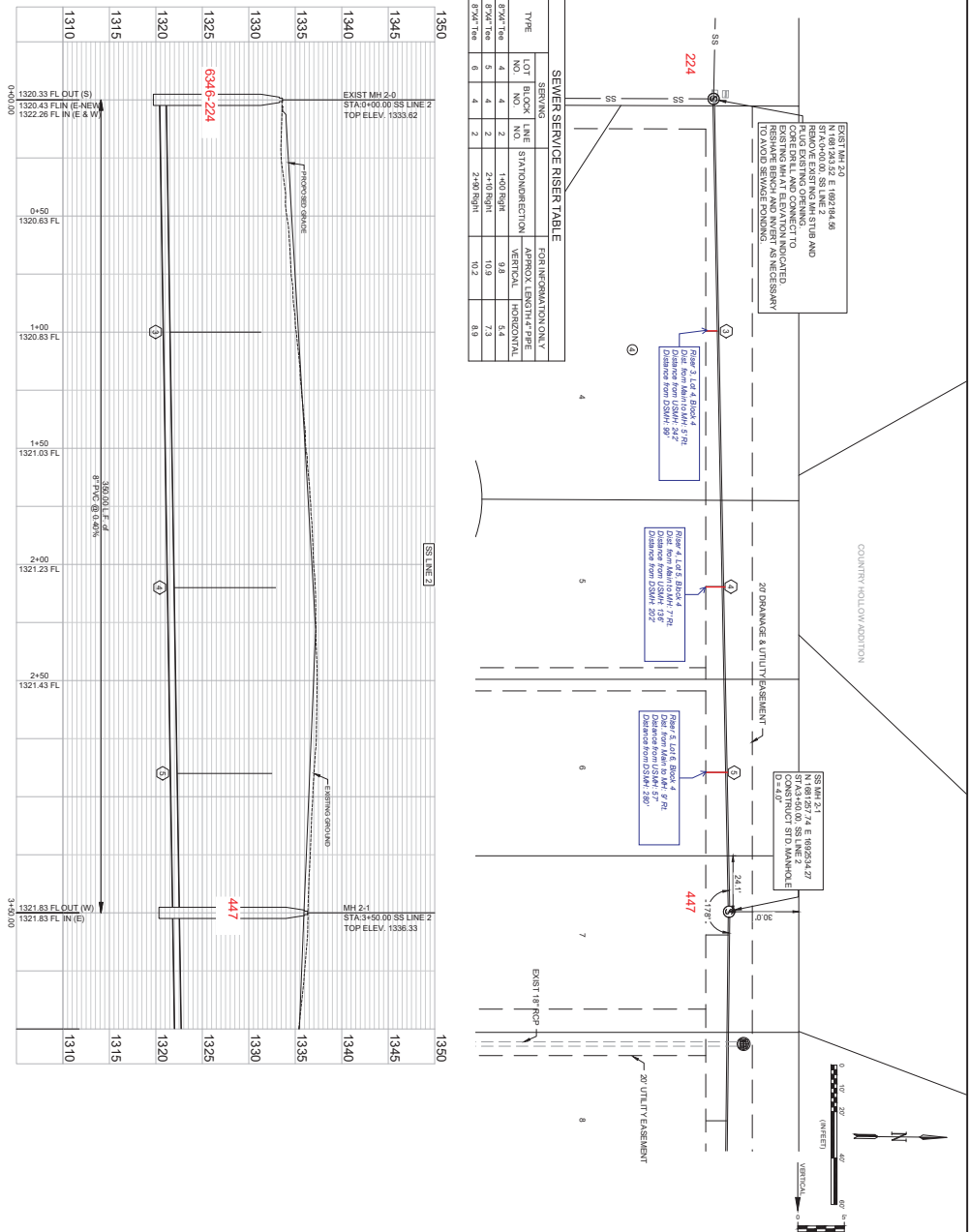
SHEET NUMBER 6 OF 19	CITY OF WICHITA WICHITA, KANSAS BELLECHASE 3RD ADDITION FINAL PHASE SS LINE 1		DATE: DEC 2023 DRAWN BY: EAG DRAWING NUMBER:	REV. DATE DESCRIPTION BY
			DRAWING NUMBER:	

CSR NO. 23721000
 DATE: DEC 2023
 DRAWN BY: EAG
 DRAWING NO: MAP#

1905 Mutual Road
 Wichita, KS 67209
 (316) 264-8001

THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF GARVER INC. AND IS TO BE USED ONLY FOR THE PROJECT AND LOCATION SPECIFICALLY IDENTIFIED HEREIN. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF GARVER INC.

NUMBER	TYPE	SERVING		FOR INFORMATION ONLY	
		LOT	BLOCK	APPROX. LENGTH PERPE	APPROX. LENGTH PER
3	8" x 12" riser	4	4	1+00 Right	10.9
4	8" x 12" riser	5	4	2+40 Right	7.3
5	8" x 12" riser	6	4	2+40 Right	10.2
6	8" x 12" riser	6	4	2+40 Right	8.9

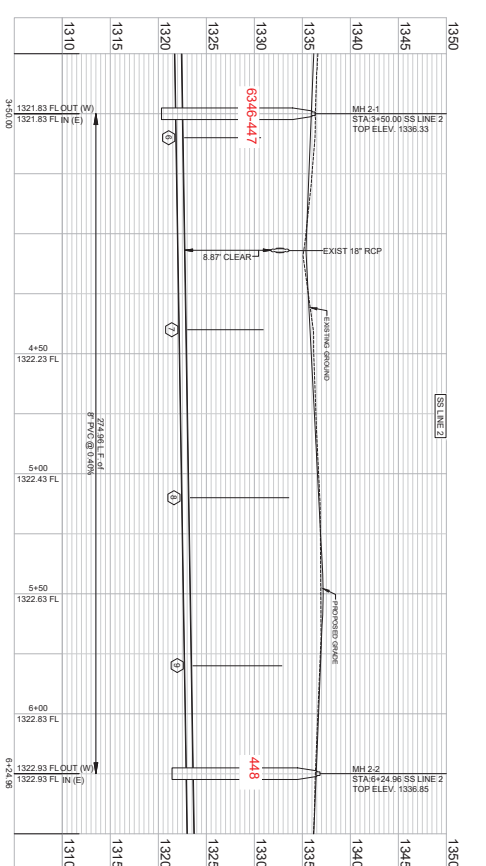
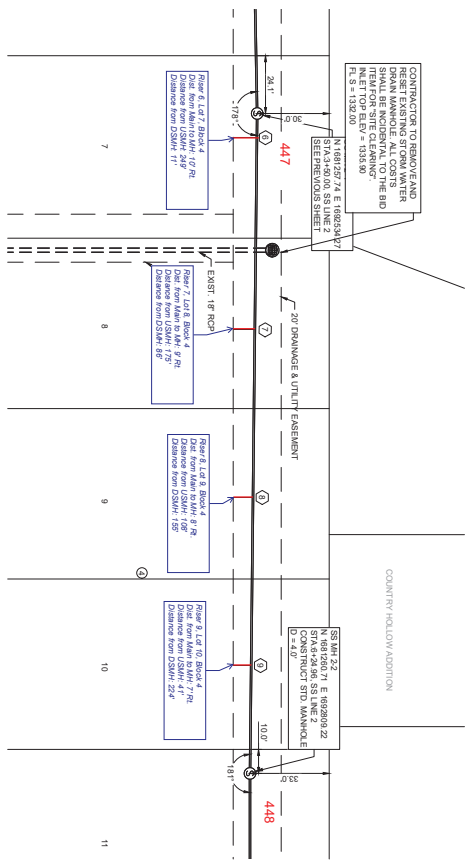


	1901 Midland Road Wichita, KS 67209 (316) 264-8008	
	PROJECT: BELLECHASE 3RD ADDITION FINAL PHASE SHEET NUMBER: 7 OF 19	

REV	DATE	DESCRIPTION	BY

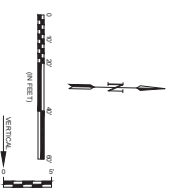
CITY OF WICHITA
 WICHITA, KANSAS
 BELLECHASE 3RD ADDITION FINAL PHASE
 SS LINE 2 (1 OF 4)

CSB NO.: 23721000
 DATE: DEC 2023
 DESIGNED BY:
 DRAWN BY:
 CHECKED BY:
 DRAWING NUMBER



SEWER SERVICE RISER TABLE

NUMBER	TYPE	LOT NO.	BLK'ET NO.	LINE NO.	STATION/DIRECTION	APPROX. LENGTH OF PIPE	FOR INFORMATION ONLY
						VERTICAL	HORIZONTAL
4	8"X8" Tee	8	4	2	3+40 Right	10.0	10.0
7	8"X8" Tee	8	4	2	4+40 Right	10.0	9.0
8	8"X8" Tee	8	4	2	5+10 Right	10.0	9.0
9	8"X8" Tee	10	4	2	5+20 Right	10.0	7.5



CITY OF WICHITA
WICHITA, KANSAS


BELLECHASE 3RD ADDITION FINAL PHASE
SS LINE 2/2
OF 4)

CONTRACT NO. 23721000
DATE: DEC 2023
DESIGNED BY: EAG
DRAWN BY: MGP

CONTRACT NO. 23721000
DATE: DEC 2023
DESIGNED BY: EAG
DRAWN BY: MGP

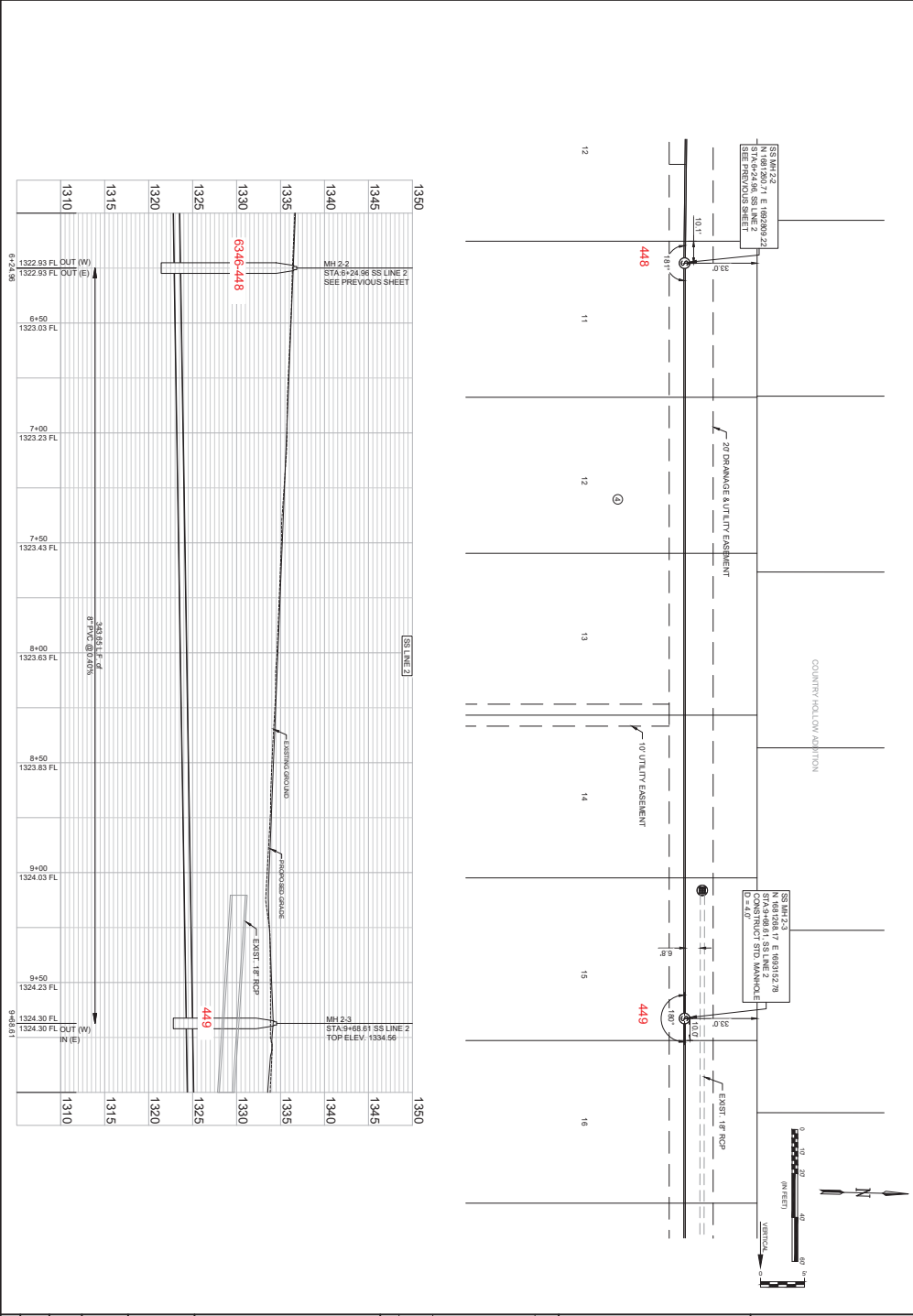
4"=1' (VERTICAL SCALE)
1"=40' (HORIZONTAL SCALE)

DRAWING NUMBER
SHEET 8 OF 19




GARVER
INCORPORATED
1900 Market Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY



REV	DATE	DESCRIPTION	BY

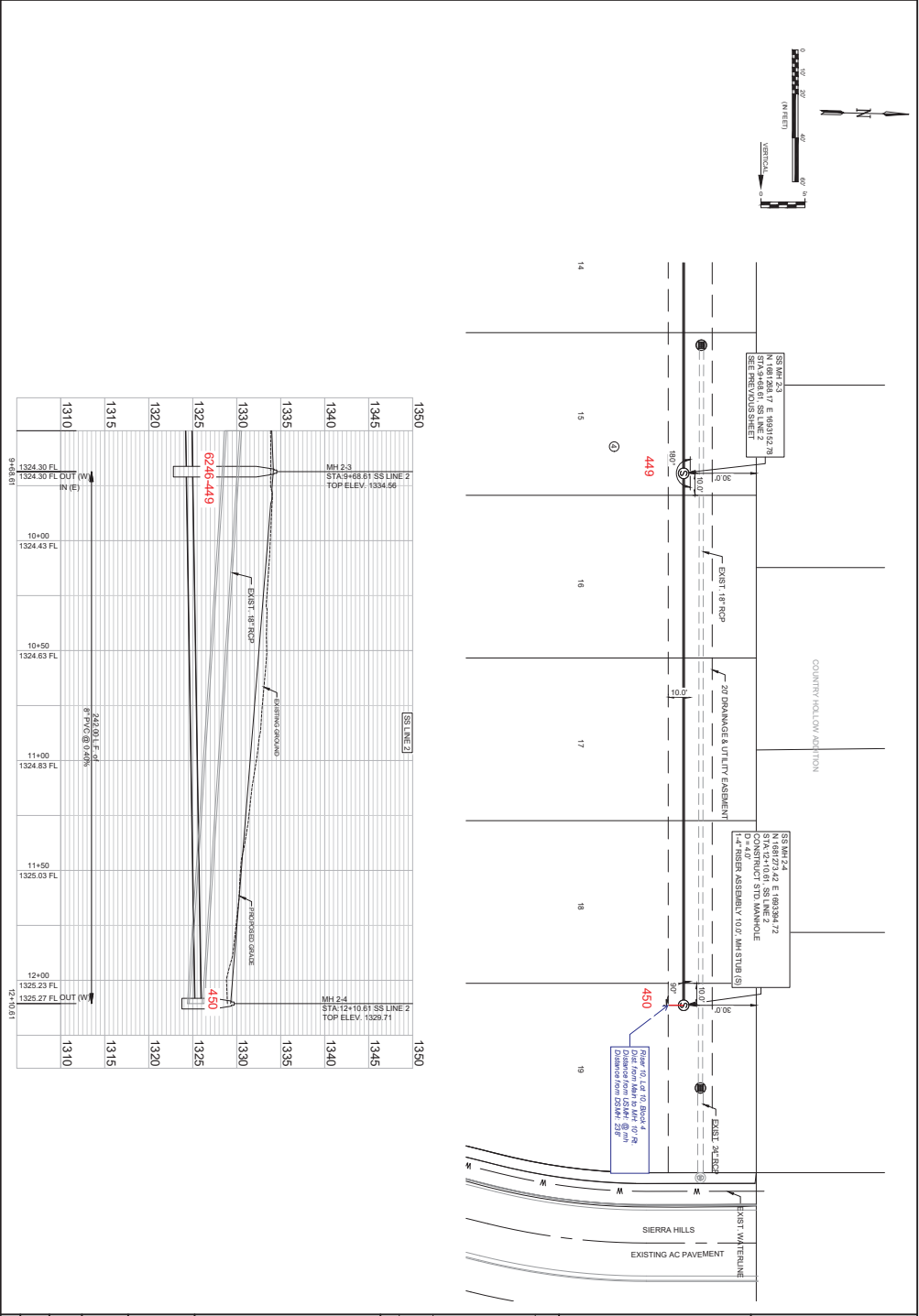
CITY OF WICHITA
 WICHITA, KANSAS

BELLECHASE 3RD ADDITION FINAL PHASE
 SS LINE 2 (3 OF 4)

GARVER
 1905 Mutual Road
 WICHITA, KS 67209
 (316) 264-8008


THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF GARVER ENGINEERING, INC. AND IS TO BE USED ONLY FOR THE PROJECT AND LOCATION SPECIFICALLY IDENTIFIED HEREIN. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED, STORED IN A RETRIEVING SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF GARVER ENGINEERING, INC.

SHEET NUMBER **9 OF 19**


CDS NO. 23721000
 DATE: DEC 2023
 DESIGNED BY: EAG
 DRAWN BY: MCP
 CHECKED BY: MCP
 DRAWING NUMBER



REV	DATE	DESCRIPTION	BY



GARVER
 ENGINEERS, ARCHITECTS, PLANNERS
 1905 Medical Plaza
 Wichita, KS 67260
 (316) 264-8008



CITY OF WICHITA
 WICHITA, KANSAS

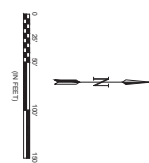
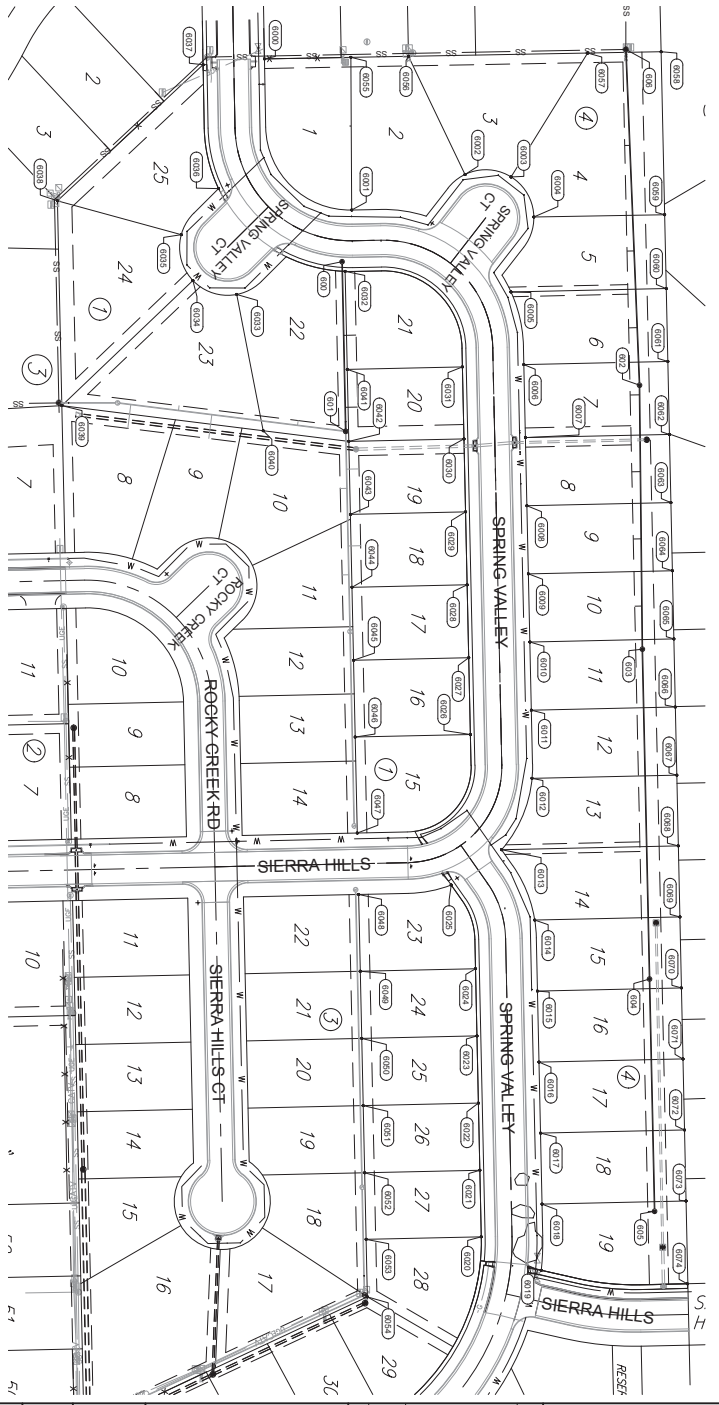
**BELLECHASE 3RD
 SS
 ADDITION FINAL PHASE**

SS LINE 2 (4
 OF 4)

DATE: DEC 2023
 DRAWN BY: EAG
 CHECKED BY: MGP
 DESIGNED BY: MGP

DRAWING NUMBER
 SHEET NUMBER

SHEET 10 OF 19




SHEET NUMBER 11 of 19	CITY OF WICHITA WICHITA, KANSAS BELLECHASE 3RD ADDITION FINAL PHASE COORDINATE MAP (1 OF 2)	CITY OF WICHITA WICHITA, KANSAS	REV. DATE DESCRIPTION BY	GARVER 1905 Midland Road Wichita, KS 67209 (316) 264-8008	THE INFORMATION CONTAINED HEREIN IS FOR GENERAL INFORMATION ONLY AND DOES NOT CONSTITUTE AN OFFER OF ANY FINANCIAL PRODUCT OR SERVICE. THE INFORMATION IS NOT INTENDED TO BE USED AS A BASIS FOR INVESTMENT OR OTHER FINANCIAL DECISIONS. THE INFORMATION IS NOT INTENDED TO BE USED AS A BASIS FOR INVESTMENT OR OTHER FINANCIAL DECISIONS. THE INFORMATION IS NOT INTENDED TO BE USED AS A BASIS FOR INVESTMENT OR OTHER FINANCIAL DECISIONS.
-------------------------------------	--	------------------------------------	--------------------------	--	---


Point #	Northing	Easting	Grid Northing	Grid Easting	Elevation	Description
1	1680015.45	1680073.67	168004.48	168181.43	1331.27	BENCHMARK #1
2	1680015.36	1680032.88	167999.66	168170.50	1320.30	BENCHMARK #2
600	1680972.33	1680262.50	168035.96	168221.332	0.00	MH-1.1
601	1680861.74	1680282.32	168030.78	168228.033	0.00	ECSI MH-1.0
602	168157.74	1680253.27	168106.74	168234.188	0.00	MH-2.1
603	1681500.71	1680200.22	168109.70	168240.680	0.00	MH-2.2
604	1681381.17	1681152.79	168107.16	168246.042	0.00	MH-2.3
605	168173.42	1680344.72	168162.41	168250.334	0.00	MH-2.4
606	168134.52	1681344.56	168162.51	168192.311	0.00	ECSI MH-2.0
6000	1680972.10	1680344.48	168078.14	168202.15	0.00	LOT C&H
6001	1680972.27	1680357.78	168079.00	168215.937	0.00	LOT C&H
6002	1681076.01	1682214.81	168085.03	168222.24	0.00	LOT C&H
6003	1681223.89	1682117.38	168092.89	168225.11	0.00	LOT C&H
6004	1681472.99	1682309.05	168098.60	168226.78	0.00	LOT C&H
6005	1681233.84	1682437.10	168092.85	168234.482	0.00	LOT C&H
6006	168157.25	1680513.83	168064.26	168230.54	0.00	LOT C&H
6007	1681133.01	1680258.81	168094.21	168238.431	0.00	LOT C&H
6008	1681402.44	1680292.73	168094.45	168242.749	0.00	LOT C&H
6009	1681341.98	1680239.77	168080.98	168258.48	0.00	LOT C&H
6010	168143.52	1680233.50	168082.52	168269.44	0.00	LOT C&H
6011	168145.06	1680287.24	168084.07	168268.41	0.00	LOT C&H
6012	168145.75	1680243.74	168084.75	168278.141	0.00	LOT C&H
6013	168114.01	1680318.10	168093.02	168285.75	0.00	LOT C&H
6014	168144.53	1680301.38	168092.24	168288.011	0.00	LOT C&H
6015	168151.41	1680365.32	168096.42	168297.286	0.00	LOT C&H
6016	168153.02	1680323.50	168098.62	168308.93	0.00	LOT C&H
6017	168154.02	1680313.28	168098.63	168319.93	0.00	LOT C&H
6018	168154.53	1680301.27	168098.63	168319.48	0.00	LOT C&H
6019	168154.59	1680346.21	168098.64	168328.382	0.00	LOT C&H
6020	168192.95	1680421.32	168091.96	168328.889	0.00	LOT C&H
6021	168191.45	1680382.02	168090.46	168319.644	0.00	LOT C&H
6022	168198.53	1680382.03	168098.94	168308.66	0.00	LOT C&H
6023	168198.84	1680323.02	168097.42	168301.648	0.00	LOT C&H
6024	168198.89	1680342.07	168095.90	168298.77	0.00	LOT C&H
6025	168191.00	1680264.83	168090.62	168276.48	0.00	LOT C&H
6026	168191.00	1680288.12	168090.61	168276.79	0.00	LOT C&H
6027	168193.86	1680218.14	168088.87	168262.582	0.00	LOT C&H
6028	168193.21	1680242.16	168088.23	168258.885	0.00	LOT C&H
6029	168192.56	1680168.18	168085.58	168252.837	0.00	LOT C&H
6030	168192.91	1680292.20	168083.93	168252.780	0.00	LOT C&H

Point #	Northing	Easting	Grid Northing	Grid Easting	Elevation	Description
6031	168070.29	1682915.21	168042.50	168322.83	0.00	LOT C&H
6032	168059.10	1682915.35	168030.13	168322.82	0.00	LOT C&H
6033	168038.21	1682924.24	168008.25	168322.82	0.00	LOT C&H
6034	168026.23	1682924.25	168001.97	168322.82	0.00	LOT C&H
6035	168079.45	1682927.72	168068.90	168318.20	0.00	LOT C&H
6036	168019.31	1682929.48	168004.28	168317.22	0.00	LOT C&H
6037	168030.20	1682929.48	168012.94	168308.16	0.00	LOT C&H
6038	168061.43	1682924.22	168040.50	168314.86	0.00	LOT C&H
6039	168036.08	1682955.44	168045.12	168303.25	0.00	LOT C&H
6040	168095.75	1682911.68	168074.78	168298.39	0.00	LOT C&H
6041	168093.32	1682917.82	168072.34	168295.33	0.00	LOT C&H
6042	168094.94	1682922.82	168075.97	168292.30	0.00	LOT C&H
6043	168095.59	1682928.82	168076.62	168292.48	0.00	LOT C&H
6044	168098.24	1682944.78	168079.27	168292.45	0.00	LOT C&H
6045	168099.89	1682950.75	168079.84	168292.43	0.00	LOT C&H
6046	168091.43	1682900.73	168073.05	168279.40	0.00	LOT C&H
6047	168091.80	1683000.20	168072.82	168278.36	0.00	LOT C&H
6048	168095.18	1683004.48	168074.21	168272.24	0.00	LOT C&H
6049	168098.44	1683014.66	168075.86	168262.21	0.00	LOT C&H
6050	168098.98	1683024.64	168078.98	168262.28	0.00	LOT C&H
6051	168099.98	1683034.62	168079.89	168262.28	0.00	LOT C&H
6052	168097.48	1683034.62	168078.50	168162.24	0.00	LOT C&H
6053	168097.88	1683423.85	168078.01	168251.44	0.00	LOT C&H
6054	168097.28	1683483.85	168078.33	168251.45	0.00	LOT C&H
6055	168097.09	1683152.72	168076.11	168250.32	0.00	LOT C&H
6056	168107.08	1682913.89	168068.26	168199.84	0.00	LOT C&H
6057	168120.67	1682918.29	168101.67	168199.04	0.00	LOT C&H
6058	168128.20	1682916.90	168108.20	168194.65	0.00	LOT C&H
6059	168128.01	1682916.90	168108.20	168164.43	0.00	LOT C&H
6060	168128.57	1682943.89	168104.58	168241.51	0.00	LOT C&H
6061	168128.22	1682929.97	168104.20	168231.28	0.00	LOT C&H
6062	168128.86	1682945.55	168107.86	168230.26	0.00	LOT C&H
6063	168129.40	1682958.58	168109.03	168234.21	0.00	LOT C&H
6064	168129.95	1682977.52	168110.59	168235.21	0.00	LOT C&H
6065	168129.49	1682978.90	168110.47	168230.18	0.00	LOT C&H
6066	168129.03	1682989.49	168110.41	168207.16	0.00	LOT C&H
6067	168128.57	1682984.47	168110.56	168207.13	0.00	LOT C&H
6068	168128.17	1683014.40	168110.15	168202.79	0.00	LOT C&H
6069	168128.97	1683038.48	168110.78	168206.73	0.00	LOT C&H
6070	168130.38	1683102.83	168111.98	168206.70	0.00	LOT C&H

Point #	Northing	Easting	Grid Northing	Grid Easting	Elevation	Description
6071	1681302.88	1683208.05	168111.97	168349.88	0.00	LOT C&H
6072	1681304.49	1683210.03	168111.98	168349.88	0.00	LOT C&H
6073	1681305.39	1683244.01	168111.55	168349.83	0.00	LOT C&H
6074	1681307.31	1683270.21	168113.83	168327.81	0.00	LOT C&H



GARVER
INCORPORATED
1900 Main Street
Wichita, KS 67202
(316) 264-8000



CITY OF WICHITA
WICHITA, KANSAS

COORDINATE MAP (2 OF 2)

BELLECHASE 3RD ADDITION FINAL PHASE

SHEET 12 OF 19

DATE: DEC 2023
 DRAWN BY: EAG
 DRAWING NUMBER