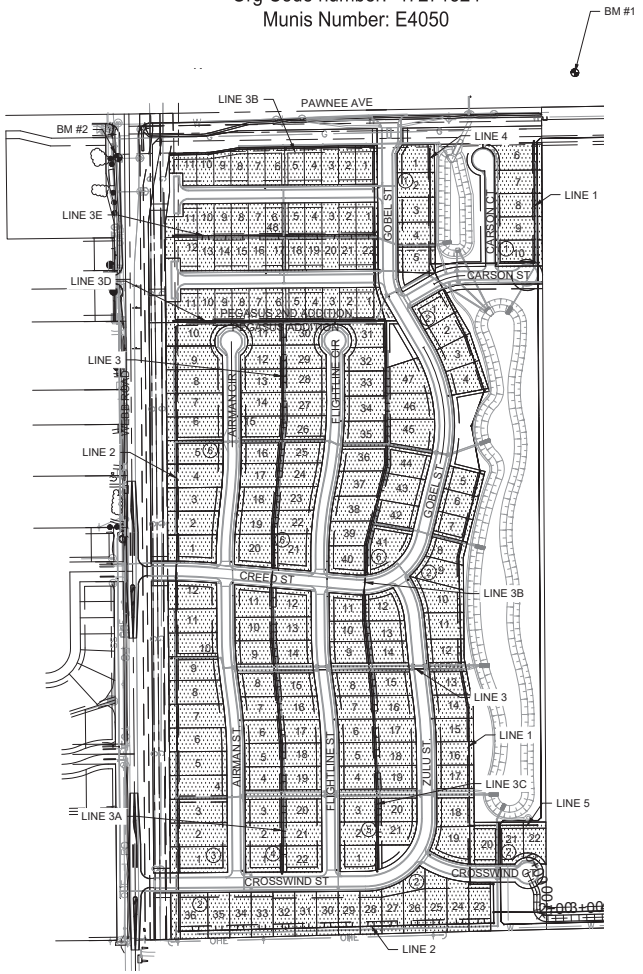
SANITARY SEWER EXTENSION
to serve
PEGASUS & PEGASUS 2nd ADDITIONS
CITY OF WICHITA, KANSAS

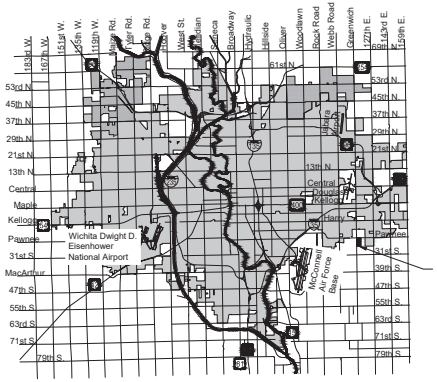
Paul Gunzelman, P.E. City Engineer
Project Number: 468-2024-005074
Org Code number: 47271324
Munis Number: E4050

Nowak Construction - Contractor
K. Kerns - City of Wichita, Field Project Engineer
Russell Green - Garver, Inspector
As-Built
Stubs & Risers
Release Date: 4/23/2025
pdf: SDM 10/3/2025

Basin: SE-02

6144D





Vicinity Map

Sheet List Table

Sheet Number	Sheet Title
1	SS Titlesheet
2	GENERAL NOTES
3	Pre-Cast SS MH
4	MH Frame & Cover
5	Vertical Riser
6	SS LINE 1 (1 of 4)
7	SS LINE 1 (2 of 4)
8	SS LINE 1 (3 of 4)
9	SS LINE 1 (4 of 4)
10	SS LINE 2 (1 of 4)
11	SS LINE 2 (2 of 4)
12	SS LINE 2 (3 of 4)
13	SS LINE 2 (4 of 4)
14	SS LINE 3 (1 of 2)
15	SS LINE 3 (2 of 2)
16	SS LINE 3A
17	SS LINE 3B (1 of 3)
18	SS LINE 3B (2 of 3)
19	SS LINE 3B (3 of 3)
20	SS LINE 3C
21	SS LINE 3D
22	SS LINE 3E
23	SS LINE 4
24	SS LINE 5
25	SS RISER TABLES
26	SS COORDS
27	SS POINT TABLE
28	EROSION CONTROL
29	SEEDING & TESTING NOTES
30	EC-SILT FENCE
31	EC-DITCH CHECK
32	EC-CURB INLET & CONST. ENT.
33	EC-STREET IMPROVEMENTS
34	EC-SUBDIVISION DEVELOPMENT
35	PLAT SS
36	PLAT 2 SS

REVISED SHEETS

27A Addition Coordinates
27B Addition Coordinate Tables

N

0 100' 200' 400' 600'
(IN FEET)

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

AUGUST 2024

PLANS PREPARED BY

GARVER
1995 Midfield Road
Wichita, KS 67209
(316) 264-8008
www.GarverUSA.com
Project No. 2400521

Benchmarks

BENCHMARK #1:
CHISELED SQUARE WITH DIVOT ON NW CORNER OF STORM INLET ON WEST SIDE OF WEBB ROAD
ELEVATION = 1391.76 (NAVD88, G18)

BENCHMARK #2:
CHISELED SQUARE WITH DIVOT ON NORTH CURB OF ENTRANCE ISLAND TO BRENTWOOD SOUTH ADDITION
ELEVATION = 1390.37 (NAVD88, G18)

IMPROVEMENT DISTRICT

PLAN SET REVIEWED BY GARVER
SIGNATURE
06/03/2024
DATE

NOTE: All coordinates listed are modified NAD83 Kansas State Plane Zone South unless otherwise noted. To convert listed coordinates to NAD83 Kansas State Plane Zone South coordinates multiply the northing and easting by the project scale factor of 0.99990477. Elevation datum is NAVD88 Geoid 12B unless otherwise noted.

Public Works & Utilities
CITY OF WICHITA

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

Sanitary Sewer Riser Table

Project Name: SS Improvements to serve Pegasus 1st & 2nd Addition
Project Location: south of Pawnee Rd, east of Webb Rd
Project No: 468-2024-005074
MUNIS No: E4050 / 47271324
Contractor: Nowak Construction Co., Inc.
Inspector: Russel Green

Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)		Distance from		Comment
					Upstream MH	Downstream MH	
Riser 1	1	14+25	5.0	Lt.	77.3	111.7	
Riser 2	1	14+50	5.0	Lt.	52.3	136.7	
Riser 3	1	15+35	5.0	Lt.	347.03	32.7	
Riser 4	1	15+55	5.0	Lt.	327.03	52.7	
Riser 5	1	16+45	5.0	Lt.	237.03	142.7	
Riser 6	1	16+65	5.0	Lt.	217.03	162.7	
Riser 7	1	17+25	5.0	Lt.	157.03	222.7	
Riser 8	1	17+45	5.0	Lt.	137.03	242.7	
Riser 9	1	18+00	5.0	Lt.	82.03	297.7	
Riser 10	1	18+20	5.0	Lt.	62.03	317.7	
Riser 11	1	18+75	5.0	Lt.	7.03	372.7	
Riser 12	1	19+00	5.0	Lt.	109.94	17.97	
Riser 13	1	19+50	5.0	Lt.	59.94	67.97	
Riser 14	1	19+70	5.0	Lt.	39.94	87.97	
Riser 15	1	20+60	10.0	Lt.	308.77	50.06	
Riser 16	1	20+80	9.7	Lt.	288.77	70.06	
Riser 17	1	21+40	8.7	Lt.	228.77	130.06	
Riser 18	1	21+60	8.4	Lt.	208.77	150.06	
Riser 19	1	22+15	7.5	Lt.	153.77	205.06	
Riser 20	1	22+35	7.2	Lt.	133.77	225.06	
Riser 21	1	22+90	6.3	Lt.	78.77	280.06	
Riser 22	1	23+10	6.0	Lt.	58.77	300.06	
Riser 23	1	23+75	5.0	Lt.	276.78	6.23	
Riser 24	1	23+95	5.0	Lt.	256.78	26.23	
Riser 25	1	24+50	5.0	Lt.	201.78	81.23	
Riser 26	1	24+70	5.0	Lt.	181.78	101.23	
Riser 27	1	25+25	5.0	Lt.	126.78	156.23	
Riser 28	1	25+45	5.0	Lt.	106.78	176.23	
Riser 29	1	26+00	5.0	Lt.	51.78	231.23	
Riser 30	1	26+20	5.0	Lt.	31.78	251.23	
Riser 31	2	0+65	15.0	Rt.	305.01	29.99	
Riser 32	2	0+85	15.0	Rt.	285.01	49.99	
Riser 33	2	1+35	15.0	Rt.	235.01	99.99	
Riser 34	2	1+55	15.0	Rt.	215.01	119.99	
Riser 35	2	2+10	15.0	Rt.	160.01	174.99	
Riser 36	2	2+30	15.0	Rt.	140.01	194.99	
Riser 37	2	2+80	15.0	Rt.	90.01	244.99	

Public Works & Utilities
CITY OF WICHITA

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

Sanitary Sewer Riser Table

Project Name: SS Improvements to serve Pegasus 1st & 2nd Addition
Project Location: south of Pawnee Rd, east of Webb Rd
Project No: 468-2024-005074
MUNIS No: E4050 / 47271324
Contractor: Nowak Construction Co., Inc.
Inspector: Russel Green

Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)		Distance from		Comment
					Upstream MH	Downstream MH	
Riser 38	2	3+00	15.0	Rt.	70.01	264.99	
Riser 39	2	3+45	15.0	Rt.	25.01	309.99	
Riser 40	2	3+65	15.0	Rt.	5.01	329.99	
Riser 41	2	4+20	15.0	Rt.	285.01	49.99	
Riser 42	2	4+40	15.0	Rt.	265.01	69.99	
Riser 43	2	4+90	15.0	Rt.	215.01	119.99	
Riser 44	2	5+10	15.0	Rt.	195.01	139.99	
Riser 45	2	5+60	15.0	Rt.	145.01	189.99	
Riser 46	2	5+80	15.0	Rt.	125.01	209.99	
Riser 47	2	6+30	15.0	Rt.	75.01	259.99	
Riser 48	2	6+50	15.0	Rt.	55.01	279.99	
Riser 49	2	6+95	15.0	Rt.	10.01	324.99	
Riser 50	2	7+15	15.0	Rt.	334.3	9.99	
Riser 51	2	7+70	15.0	Rt.	279.3	64.99	
Riser 52	2	7+90	15.0	Rt.	259.3	84.99	
Riser 53	2	8+40	15.0	Rt.	209.3	134.99	
Riser 54	2	8+60	15.0	Rt.	189.3	154.99	
Riser 55	2	9+10	15.0	Rt.	139.3	204.99	
Riser 56	2	9+30	15.0	Rt.	119.3	224.99	
Riser 57	2	9+85	15.0	Rt.	64.3	279.99	
Riser 58	2	10+05	15.0	Rt.	44.3	299.99	
Riser 59	2	12+75	5.0	Rt.	110.01	225.7	
Riser 60	2	12+95	5.0	Rt.	90.01	245.7	
Riser 61	2	13+50	5.0	Rt.	35.01	300.7	
Riser 62	2	13+70	5.0	Rt.	15.01	320.7	
Riser 63	2	14+25	5.0	Rt.	283.93	39.99	
Riser 64	2	14+45	5.0	Rt.	263.93	59.99	
Riser 65	2	15+05	5.0	Rt.	203.93	119.99	
Riser 66	2	15+25	5.0	Rt.	183.93	139.99	
Riser 67	2	15+75	5.0	Rt.	133.93	189.99	
Riser 68	2	15+95	5.0	Rt.	113.93	209.99	
Riser 69	2	16+55	5.0	Rt.	53.93	269.99	
Riser 70	2	16+75	5.0	Rt.	33.93	289.99	
Riser 71	2	17+29	5.0	Rt.	285.93	20.07	Station Change
Riser 72	2	17+49	5.0	Rt.	265.93	40.07	Station Change
Riser 73	3	6+45	15.0	Rt.	57.46	43.05	
Riser 74	3	6+50	5.0	Lt.	52.46	48.05	

Public Works & Utilities
CITY OF WICHITA

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

Sanitary Sewer Riser Table

Project Name: SS Improvements to serve Pegasus 1st & 2nd Addition
Project Location: south of Pawnee Rd, east of Webb Rd
Project No: 468-2024-005074
MUNIS No: E4050 / 47271324
Contractor: Nowak Construction Co., Inc.
Inspector: Russel Green

Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)		Distance from		Comment
					Upstream MH	Downstream MH	
Riser 75	3	6+70	15.0	Rt.	32.46	68.05	
Riser 76	3	6+75	5.0	Lt.	27.46	73.05	
Riser 77	3	7+20	5.0	Lt.	157.52	17.54	
Riser 78	3	7+25	15.0	Rt.	152.52	22.54	
Riser 79	3	7+45	5.0	Lt.	132.52	42.54	
Riser 80	3	7+50	15.0	Rt.	127.52	47.54	
Riser 81	3	8+00	5.0	Lt.	77.52	97.54	
Riser 82	3	8+05	15.0	Rt.	72.52	102.54	
Riser 83	3	8+25	5.0	Lt.	52.52	122.54	
Riser 84	3	8+35	15.0	Rt.	42.52	132.54	
Riser 85	3	9+75	5.0	Lt.	88.52	34.47	
Riser 86	3	9+80	15.0	Rt.	83.52	39.47	
Riser 87	3	10+05	15.0	Rt.	58.52	64.47	
Riser 88	3	10+10	5.0	Lt.	53.52	69.47	
Riser 89	3	10+70	5.0	Lt.	340.14	6.48	
Riser 90	3	10+75	15.0	Rt.	335.14	11.48	
Riser 91	3	10+90	5.0	Lt.	320.14	26.48	
Riser 92	3	10+95	15.0	Rt.	315.14	31.48	
Riser 93	3	11+45	15.0	Rt.	265.14	81.48	
Riser 94	3	11+65	15.0	Rt.	245.14	101.48	
Riser 95	3	12+25	15.0	Rt.	185.14	161.48	
Riser 96	3	12+45	15.0	Rt.	165.14	181.48	
Riser 97	3	12+95	15.0	Rt.	115.14	231.48	
Riser 98	3	13+15	15.0	Rt.	95.14	251.48	
Riser 99	3	13+85	15.0	Rt.	25.14	321.48	
Riser 100	3	14+00	15.0	Rt.	10.14	336.48	
Riser 101	3	14+50	15.0	Rt.	265.63	39.86	
Riser 102	3	14+70	15.0	Rt.	245.63	59.86	
Riser 103	3	15+30	15.0	Rt.	185.63	119.86	
Riser 104	3	15+50	15.0	Rt.	165.63	139.86	
Riser 105	3	16+00	15.0	Rt.	115.63	189.86	
Riser 106	3	16+20	15.0	Rt.	95.63	209.86	
Riser 107	3	16+75	15.0	Rt.	40.63	264.86	
Riser 108	3A	0+30	5.0	Rt.	201.44	30	
Riser 109	3A	0+35	15.0	Lt.	196.44	35	
Riser 110	3A	0+55	15.0	Lt.	176.44	55	
Riser 111	3A	0+60	5.0	Rt.	171.44	60	

Public Works & Utilities
CITY OF WICHITA

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

Sanitary Sewer Riser Table

Project Name: SS Improvements to serve Pegasus 1st & 2nd Addition
Project Location: south of Pawnee Rd, east of Webb Rd
Project No: 468-2024-005074
MUNIS No: E4050 / 47271324
Contractor: Nowak Construction Co., Inc.
Inspector: Russel Green

Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)		Distance from		Comment
					Upstream MH	Downstream MH	
Riser 112	3A	1+05	5.0	Rt.	126.44	105	
Riser 113	3A	1+10	15.0	Lt.	121.44	110	
Riser 114	3A	1+30	15.0	Lt.	101.44	130	
Riser 115	3A	1+35	5.0	Rt.	96.44	135	
Riser 116	3A	1+90	5.0	Rt.	41.44	190	
Riser 117	3A	1+95	15.0	Lt.	36.44	195	
Riser 118	3A	2+10	15.0	Lt.	21.44	210	
Riser 119	3A	2+15	5.0	Rt.	16.44	215	
Riser 120	3A	2+60	5.0	Rt.	136.86	28.56	
Riser 121	3A	2+65	15.0	Lt.	131.86	33.56	
Riser 122	3A	2+80	5.0	Rt.	116.86	48.56	
Riser 123	3A	2+85	15.0	Lt.	111.86	53.56	
Riser 124	3A	3+35	5.0	Rt.	61.86	103.56	
Riser 125	3A	3+40	15.0	Lt.	56.86	108.56	
Riser 126	3A	3+60	15.0	Lt.	36.86	128.56	
Riser 127	3A	3+65	5.0	Rt.	31.86	133.56	
Riser 128	3A	4+40	15.0	Lt.	216.28	43.14	
Riser 129	3A	4+60	15.0	Lt.	196.28	63.14	
Riser 130	3A	5+20	15.0	Lt.	136.28	123.14	
Riser 131	3A	5+40	15.0	Lt.	116.28	143.14	
Riser 132	3A	5+95	15.0	Lt.	61.28	198.14	
Riser 133	3B	0+45	15.0	Rt.	116.21	45	
Riser 134	3B	0+50	5.0	Lt.	111.21	50	
Riser 135	3B	0+65	15.0	Rt.	96.21	65	
Riser 136	3B	0+70	5.0	Lt.	91.21	70	
Riser 137	3B	1+10	5.0	Lt.	51.21	110	
Riser 138	3B	1+15	15.0	Rt.	46.21	115	
Riser 139	3B	1+35	15.0	Rt.	26.21	135	
Riser 140	3B	1+40	5.0	Lt.	21.21	140	
Riser 141	3B	1+80	5.0	Lt.	70.1	18.79	
Riser 142	3B	1+85	15.0	Rt.	65.1	23.79	
Riser 143	3B	2+05	5.0	Lt.	45.1	43.79	
Riser 144	3B	2+10	15.0	Rt.	40.1	48.79	
Riser 145	3B	3+45	5.0	Lt.	59.19	31.09	
Riser 146	3B	3+75	5.0	Lt.	29.19	61.09	
Riser 147	3B	4+20	5.0	Lt.	246.75	15.81	
Riser 148	3B	4+25	15.0	Rt.	241.75	20.81	

Public Works & Utilities
CITY OF WICHITA

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

Sanitary Sewer Riser Table

Project Name: SS Improvements to serve Pegasus 1st & 2nd Addition
Project Location: south of Pawnee Rd, east of Webb Rd
Project No: 468-2024-005074
MUNIS No: E4050 / 47271324
Contractor: Nowak Construction Co., Inc.
Inspector: Russel Green

Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)		Distance from		Comment
					Upstream MH	Downstream MH	
Riser 149	3B	4+45	5.0	Lt.	221.75	40.81	
Riser 150	3B	4+50	15.0	Rt.	216.75	45.81	
Riser 151	3B	5+00	15.0	Rt.	166.75	95.81	
Riser 152	3B	5+05	5.0	Lt.	161.75	100.81	
Riser 153	3B	5+20	15.0	Rt.	146.75	115.81	
Riser 154	3B	5+30	5.0	Lt.	136.75	125.81	
Riser 155	3B	5+85	15.0	Rt.	81.75	180.81	
Riser 156	3B	5+90	5.0	Lt.	76.75	185.81	
Riser 157	3B	6+15	5.0	Lt.	51.75	210.81	
Riser 158	3B	6+20	15.0	Rt.	46.75	215.81	
Riser 159	3B	6+60	15.0	Rt.	6.75	255.81	
Riser 160	3B	6+75	5.0	Lt.	224.32	8.25	
Riser 161	3B	6+85	15.0	Rt.	214.32	18.25	
Riser 162	3B	6+95	5.0	Lt.	204.32	28.25	
Riser 163	3B	7+60	15.0	Rt.	139.32	93.25	
Riser 164	3B	7+90	15.0	Rt.	109.32	123.25	
Riser 165	3B	8+40	15.0	Rt.	59.32	173.25	
Riser 166	3B	8+65	15.0	Rt.	34.32	198.25	
Riser 167	3B	9+20	15.0	Rt.	215.96	20.68	
Riser 168	3B	9+45	15.0	Rt.	190.96	45.68	
Riser 169	3C	0+30	5.0	Rt.	56.02	30	
Riser 170	3C	0+35	15.0	Lt.	51.02	35	
Riser 171	3C	0+55	15.0	Lt.	31.02	55	
Riser 172	3C	0+60	5.0	Rt.	26.02	60	
Riser 173	3C	1+10	5.0	Rt.	284.98	23.98	
Riser 174	3C	1+15	15.0	Lt.	279.98	28.98	
Riser 175	3C	1+35	15.0	Lt.	259.98	48.98	
Riser 176	3C	1+40	5.0	Rt.	254.98	53.98	
Riser 177	3C	1+85	5.0	Rt.	209.98	98.98	
Riser 178	3C	1+90	15.0	Lt.	204.98	103.98	
Riser 179	3C	2+15	5.0	Rt.	179.98	128.98	
Riser 180	3C	2+20	15.0	Lt.	174.98	133.98	
Riser 181	3C	2+55	5.0	Rt.	139.98	168.98	
Riser 182	3C	2+60	15.0	Lt.	134.98	173.98	
Riser 183	3C	2+80	15.0	Lt.	114.98	193.98	
Riser 184	3C	2+85	5.0	Rt.	109.98	198.98	
Riser 185	3C	3+30	5.0	Rt.	64.98	243.98	

Public Works & Utilities
CITY OF WICHITA

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

Sanitary Sewer Riser Table

Project Name: SS Improvements to serve Pegasus 1st & 2nd Addition
Project Location: south of Pawnee Rd, east of Webb Rd
Project No: 468-2024-005074
MUNIS No: E4050 / 47271324
Contractor: Nowak Construction Co., Inc.
Inspector: Russel Green

Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)		Distance from		Comment
					Upstream MH	Downstream MH	
Riser 186	3C	3+35	15.0	Lt.	59.98	248.98	
Riser 187	3C	3+50	5.0	Rt.	44.98	263.98	
Riser 188	3C	3+55	15.0	Lt.	39.98	268.98	
Riser 189	3C	4+45	5.0	Rt.	206.63	50.02	
Riser 190	3C	4+50	15.0	Lt.	201.63	55.02	
Riser 191	3C	4+65	5.0	Rt.	186.63	70.02	
Riser 192	3C	4+70	15.0	Lt.	181.63	75.02	
Riser 193	3C	5+20	5.0	Rt.	131.63	125.02	
Riser 194	3C	5+25	15.0	Lt.	126.63	130.02	
Riser 195	3C	5+35	5.0	Rt.	116.63	140.02	
Riser 196	3C	5+40	15.0	Lt.	111.63	145.02	
Riser 197	3C	5+90	5.0	Rt.	61.63	195.02	
Riser 198	3C	6+10	5.0	Rt.	41.63	215.02	
Riser 199	3E	0+20	15.0	Lt.	263	20	
Riser 200	3E	0+75	15.0	Lt.	208	75	
Riser 201	3E	1+30	15.0	Lt.	153	130	
Riser 202	3E	1+85	15.0	Lt.	98	185	
Riser 203	3E	2+45	15.0	Lt.	38	245	
Riser 204	3E	3+10	15.0	Lt.	339.58	27	
Riser 205	3E	3+70	15.0	Lt.	279.58	87	
Riser 206	3E	4+25	15.0	Lt.	224.58	142	
Riser 207	3E	4+80	15.0	Lt.	169.58	197	
Riser 208	3E	5+35	15.0	Lt.	114.58	252	
Riser 209	3E	5+55	15.0	Lt.	94.58	272	

GENERAL NOTES:

1. The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.

2. 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:

AT&T	1-800-246-8464
Black Hills Energy	1-800-694-8989
City of Wichita Water & Sewer Dept.	1-316-219-8921
City of Wichita Stormwater	1-316-268-4090
City of Wichita Traffic	1-316-268-4034
Conoco Pipe Line Co.	1-877-267-2290
Cox Communications	1-888-249-3530
Evergy	1-800-544-4857
Kansas Gas Service (ONEOK)	1-888-482-4950
Sedgwick County Electric Cooperative	1-866-542-4732
Southern Star Central Gas	1-800-324-9696

3. Utility service lines, poles, etc. 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.

4. 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 will 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 will require additional archaeological investigations unless buried in a previously approved borrow location.

5. 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.

6. 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.

7. 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.

8. If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, at traffic@wichita.gov before construction can begin. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractors responsibly.

10. All elevations shown are NAVD 88, G12A.

11. All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.

12. The Contractor shall protect from damage and support existing utilities through constructions as approved by the utility owner and the Engineer at the contractors expense.

13. Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.

14. Any sidewalk, drive approach, curb, or street pavement removed to construct project must have a pavement cut permit and be replaced by the City contractor. Permits can be obtained by calling 316-268-4501 or 316-268-4480.

15. All stubs and plugged pipes shall be located with green plastic tape in the same manner as risers.

16. Connecting to Existing Manholes:

    Prior to laying sewer lines using existing stubs in existing manholes, the Contractor shall expose and verify the elevation, grade and alignment of existing stubs and notify the Engineer of any deviation from the plans. Where connection to an existing manhole that does not have an existing stub or the stub is unusable due to elevation grade or alignment, the Contractor shall bore cut into existing manhole wall to make connection using approved water stop gasket, and reshape the existing manhole invert to provide smooth flow. The cost to connecting to existing manholes is incidental to the project.

17. Contractor shall provide positive drainage away from all manhole covers when adjacent grade allows.

18. The Contractor shall prevent any construction debris from entering the existing sanitary sewer during construction.

19. The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractors proposed method for maintaining sewage flow shall be submitted and approved by the Sewer Maintenance Division (316-268-4073) prior to starting and by-passing of sewage flows.

20. No shrink or swell factors have been applied to the earthwork quantities shown on this project. All earthwork quantities are based on raw surface volume comparisons.

21. Excess dirt generated from installation of underground sanitary sewer due to flowable fill and sand backfill is to remain on site and coordinated with companion SWD Project.

22. All disturbed areas on this project shall be seeded with temporary seeding per City of Wichita Specifications.

23. Due to the depths of some of the SS lines on this project, areas that require flowable fill at depths greater than 15' shall be placed in two separate lifts and allowed to cure overnight between lifts.

24. Tree Trimming shall be done using equipment specifically designed for the task. Equipment Buckets and other devices shall not be used to trim trees. Cost of tree trimming and removal shall be subsidiary to the bid item "Site Clearing". Brush, limbs, and other debris generated by tree trimming and tree removal shall be disposed of at an off-site location selected by the Contractor.

25. Developer:

    Bryon Lagaly (316) 295-7782 bryanlagaly@gmail.com

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV.	DATE	DESCRIPTION	BY

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

GENERAL NOTES

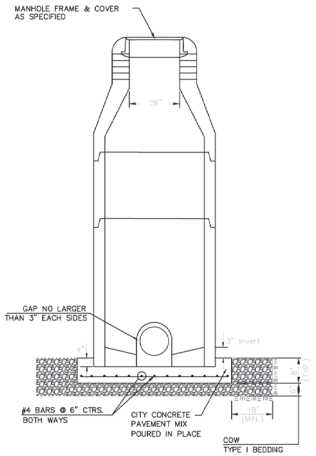
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

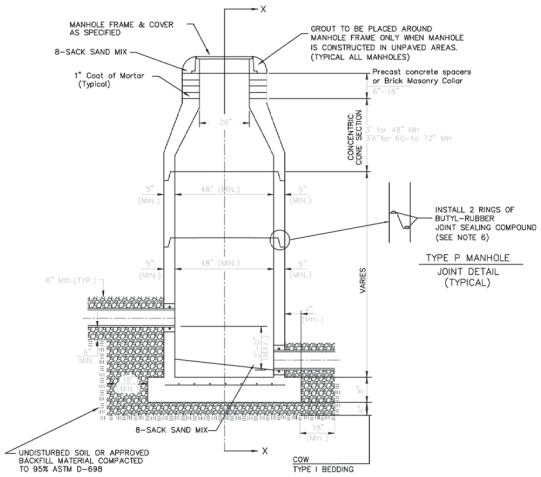
DRAWING NUMBER

SHEET NUMBER 2 OF 36

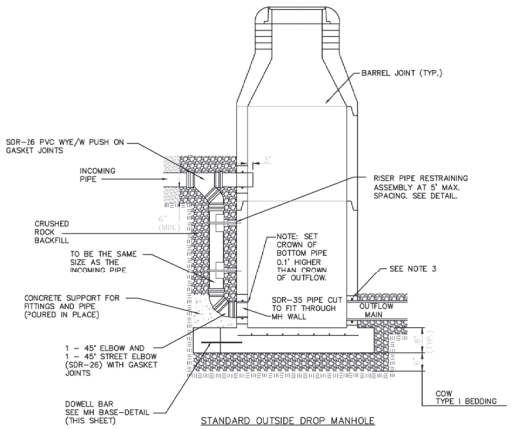
File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\Tilesheet and Details.dwg Last Saved: 8/19/2024 8:18 AM Last saved by: DRStandrich
Last plotted by: Standrich, Daryl R Plot Date: 8/19/2024 8:23 AM Plotter Used: None
Plot Scale: 1:2.465 Plot Style: —



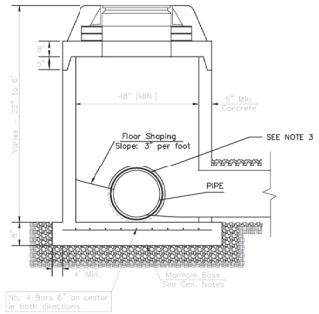
DOG HOUSE MANHOLE
(OVER EXISTING PIPE)
Not to Scale



STANDARD MANHOLE
Not to Scale

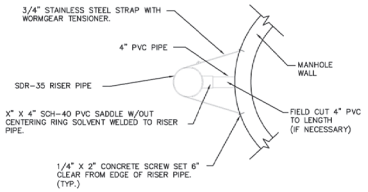


STANDARD OUTSIDE DROP MANHOLE
Not to Scale



SHALLOW MANHOLE
Not to Scale

= COW TYPE I BEDDING = UNDISTURBED SOIL



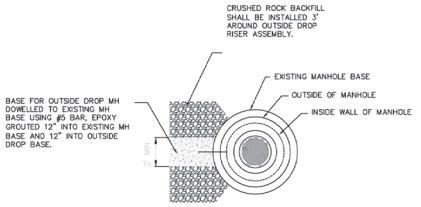
RISER PIPE RESTRAINING ASSEMBLY
Not to Scale

SANITARY SEWER MANHOLE DIAMETERS

DIAMETER	DEPTH	PIPE SIZE
4'	0'-15'	8"-18"
5'	>15'-30'	21"-30"
6'	>30'	36"-60"

PRECAST MANHOLE GENERAL NOTES

1. ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISIONS OF A.S.T.M. C478 AS MODIFIED BY THE SPECIFICATIONS.
2. NON-SHRINK GROUT SHALL BE NON-METALLIC TYPE.
3. APPROVED FLEXIBLE WATERSTOP SHALL BE INSTALLED TO JOIN THE SEWER PIPE TO THE MANHOLE WALL. THE SEWER PIPE SHALL BE SUPPORTED WITH CRUSHED ROCK A MINIMUM OF 3 FEET FROM THE MANHOLE WALL AND TO THE FIRST JOINT FOR V.C.P. SUCH THAT THE JOINT REMAINS FLEXIBLE.
4. ALL INSIDE SURFACES OF THE CONCRETE MANHOLE WHICH WOULD BE EXPOSED TO SEWER GAS SHALL BE COATED PER SECTION 804.4 OF STANDARD SPECIFICATIONS.
5. EXTERIOR MANHOLE WALLS SHALL BE COATED PER SECTION 804.4 OF STANDARD SPECIFICATIONS.
6. JOINT SEALING COMPOUND SHALL BE PER 804.4 OF STANDARD SPECIFICATIONS.
7. ALL MANHOLE SECTION JOINTS THAT WILL BE IN GROUNDWATER OR GREATER THAN 12' DEEP SHALL BE WRAPPED WITH AN EXTERNAL JOINT SEAL PER SECTION 804.4 OF STANDARD SPECIFICATIONS. AS INDICATED BY THE PLANS.
8. PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES INTO THE MANHOLE BASE FOR DOG HOUSE MANHOLES.
9. TOP OF MANHOLE FLOOR SLAB SHALL BE AT LEAST 3 INCHES BELOW THE FLOW LINE OF THE OUTLET PIPE TO INSURE SUFFICIENT MINIMUM THICKNESS OF SHAPED INVERT.
10. LIFTING HOLES SHALL BE FILLED WITH NON-SHRINK GROUT AND THE INTERIOR SURFACE COATED AS SPECIFIED.
11. MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS USING CITY CONCRETE PAVEMENT MIX WITHOUT AIR ENTRAINING ADMIXTURE. MORTAR SHALL BE PLACE AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.
12. REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF NO.4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. THE MANHOLE BASE REINFORCEMENT SHALL BE PLACED AT LEAST 3" ABOVE THE BOTTOM OF THE MANHOLE BASE. ALL COSTS FOR FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
13. WALL THICKNESS SHALL BE 1" GREATER THAN MANHOLE DIAMETER IN FEET.
14. OPENINGS SHALL BE CORE DRILLED INTO THE MANHOLE WALL WHEN OUTSIDE DROPS ARE CONSTRUCTED ON EXISTING MANHOLES. SUCH OPENINGS DRILLED INTO EXISTING MANHOLES SHALL BE AS SMALL AS PRACTICAL TO FACILITATE INSTALLING AND GROUTING THE NEW PIPE IN PLACE. WATERSTOP GASKETS SHALL BE USED WITH P.V.C. PIPE. THE NEW PIPE SHALL BE GROUTED INTO THE OPENING USING AN APPROVED NONSHRINK GROUT FOR THE FULL MANHOLE WALL THICKNESS. THE EXTERIOR OF THE COMPLETED CONNECTION SHALL BE SEALED WITH AN APPROVED BITUMINOUS COATING SUCH THAT THE CONNECTION WILL BE WATER TIGHT. FLOOR OF MANHOLE SHALL BE MODIFIED TO FORM NEW FLOW CHANNEL FOR THE NEW CONNECTION AS INDICATED BY THE DRAWING. THIS WORK, INCLUDING MODIFICATION OF MANHOLE FLOOR, SHALL BE PAID FOR AT THE UNIT PRICE BID FOR OUTSIDE DROP STACK CONSTRUCTED ON EXISTING MANHOLE.
15. THE FLOORS OF ALL MANHOLES SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF CLEANING AND FREE OF AREAS WHERE SOLIDS COULD BE DEPOSITED AS SEWAGE FLOWS THROUGH THE MANHOLE FROM ALL INLET PIPES TO THE OUTLET PIPE. FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLOWING PIPES AND THE OUTFLOWING PIPE AS SHOWN BY THE DRAWINGS. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF REMOVED TO NEAT LINES FOR THE FULL INSIDE DIAMETER OF THE MANHOLE. MANHOLE FLOORS SHALL THEN BE SHAPED AROUND THE BOTTOM HALF OF THE PIPE WHICH FORMS THE FLOW CHANNEL.
16. MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL CONFORM TO THE REQUIREMENTS AS INDICATED IN THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE STANDARD DETAIL DRAWING.
17. THE VERTICAL DROP IN STANDARD MANHOLES SHALL NOT EXCEED 2' REGARDLESS OF PIPE SIZE. THE CROWNS OF INFLOWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
18. STANDARD MANHOLES SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. OUTSIDE DROP MANHOLES SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.
19. PRECAST CONCRETE SPACERS OR BRICK MASONRY COLLAR SHALL BE INSTALLED BETWEEN THE CAST IRON FRAME AND THE CONCENTRIC CONE. THE COLLAR WILL HAVE 8" WALLS AND A VERTICAL HEIGHT OF 6" MINIMUM AND 18" MAXIMUM. A 1" COAT OF MORTAR WILL BE PLASTERED ON THE OUTSIDE OF THE COLLAR. THE USE OF PRE-CAST CONCRETE SPACERS FOR MANHOLE TOP ADJUSTMENT IS ALSO ALLOWED.
20. THE FULL DIAMETER OF THE MANHOLE SHALL EXTEND THE ENTIRE DEPTH OF THE MANHOLE TO THE CONE SECTION. NO REDUCTION IN MANHOLE DIAMETER WILL BE ALLOWED.



MH BASE DETAIL
Not to Scale

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

REVISION NOVEMBER 2019	RISER PIPE RETAINING ASSEMBLY REVISED ON MANHOLE DRAWING

CITY OF WICHITA
PUBLIC WORKS & UTILITIES ENGINEERING DIVISION

PRECAST SANITARY SEWER MANHOLE

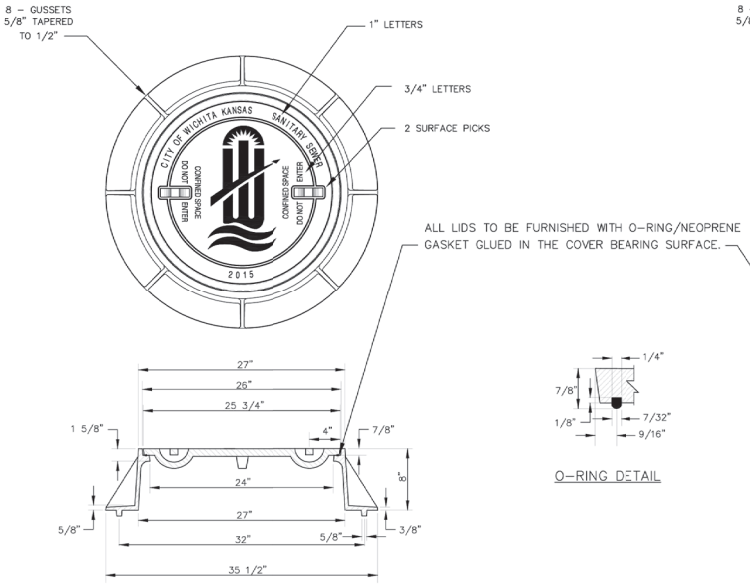
CITY ENGINEER
GARY JANZEN, P.E.

PROJECT NUMBER	OCA NUMBER	DATE
-	-	

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

SHEET 3 / 36

SS-101

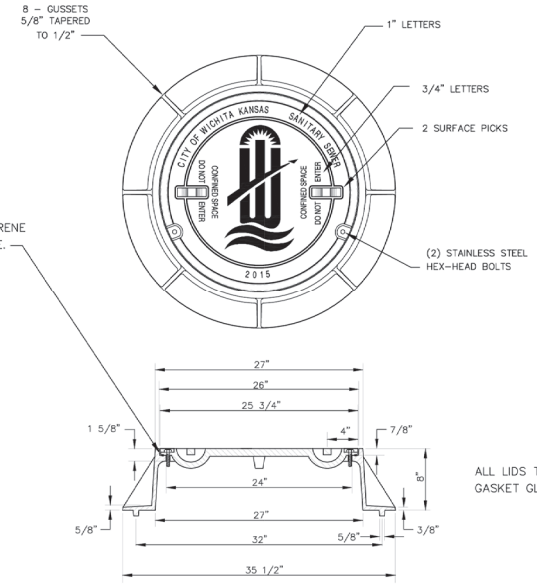


STANDARD MANHOLE FRAME & COVER

DEETER #1261 OR EJW #1936–Z1

NOTE:
1. FURNISHED WITH MACHINED HORIZONTAL BEARING SURFACE.

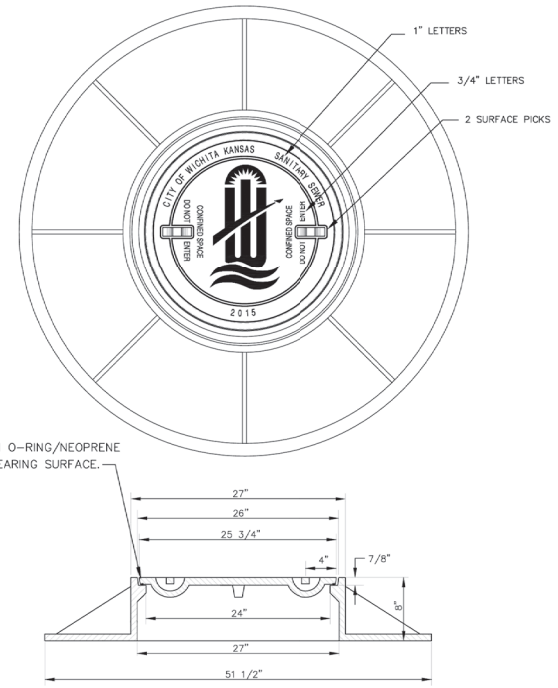
O–RING DETAIL



BOLT DOWN MANHOLE FRAME & COVER

DEETER #1261 OR EJW #1936–Z1

NOTE:
1. FURNISHED WITH MACHINED HORIZONTAL BEARING SURFACE.



WIDE FLANGED FRAME & COVER

DEETER #1261A

NOTE:
1. FURNISHED WITH MACHINED HORIZONTAL BEARING SURFACE.

GENERAL NOTES

1. MANHOLE CASTINGS SHALL BE MANUFACTURED USING GOOD QUALITY GRAY IRON CONFORMING TO CLASS 30 OF A.S.T.M. DESIGNATION A–48. DIMENSIONS SHOWN ON THE DETAILED DRAWINGS SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS AND ANY DEVIATIONS FROM THE DIMENSIONS SHOWN MUST BE SPECIFICALLY APPROVED. THE FINISHED CASTINGS SHALL BE OF UNIFORM QUALITY, FREE FROM BLOWHOLES, POROSITY, HARD SPOTS, SHRINKAGE DISTORTIONS OR OTHER DEFECTS.

2. MANHOLE CASTINGS SHALL BE MANUFACTURED SUCH THAT A COVER MANUFACTURED BY ANY ONE FOUNDARY WILL FIT INTERCHANGEABLY INTO A FRAME MANUFACTURED BY ANOTHER FOUNDRY AND STILL MEET ALLOWABLE CLEARANCES AND NON–ROCKING REQUIREMENTS. THIS WILL REQUIRE MANUFACTURING OF THE MATCHING FACES ON THE COVER AND THE FRAME TO CLOSE TOLERANCES.

3. THE OUTSIDE CIRCUMFERENCE OF THE VERTICAL FACE OF THE COVER AND THE INSIDE CIRCUMFERENCE OF THE VERTICAL FACE IN THE FRAME RECESS SHALL BE MANUFACTURED TO TOLERANCES SUCH THAT THE CLEARANCE BETWEEN THE COVER AND FRAME WILL NOT EXCEED 1/8" AT ANY POINT AROUND THE CIRCUMFERENCE OF THE COVER. THE SEATING SURFACES BETWEEN THE COVER AND FRAME SHALL BE MACHINED SUCH THAT THESE SEATING SURFACES SHALL MAKE FULL CONTACT FOR THEIR FULL CIRCUM–FERENCE TO PRECLUDE THE COVER FROM ROCKING IN THE FRAME.

4. THE MANHOLE FRAME AND COVER SHALL BE MARKED WITH LETTERING INDICATING THE NAME OF THE MANUFACTURER AND THE YEAR WHEN THE COVER OR FRAME WAS CAST. THE COVER SHALL BE FURTHER IDENTIFIED WITH REGARDS TO OWNERSHIP USING LETTERS AT LEAST 1"IIN HEIGHT. THIS IDENTIFICATION SHALL BE "CITY OF WICHITA SANITARY SEWER".
THE TOP SURFACE OF THE COVER SHALL BE MANUFACTURED IN WITH CITY OF WICHITA DESIGN AS INDICATED ON THE DRAWINGS. SMOOTH BLOCKOUTS SHALL BE UTILIZED TO HIGHLIGHT THE LETTERING ON THE COVER SURFACE. THE TOTAL AREA OF SMOOTH SURFACE BLOCKOUT SHALL NOT EXCEED THE AREA AS INDICATED ON THE DRAWING. POSITIONING OF SMOOTH BLOCKOUTS AND LETTERING MAY VARY FROM THAT SHOWN ON THE DETAILED DRAWING.

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

REVISED: MARCH 2016

CITY OF WICHITA
PUBLIC WORKS & UTILITIES
ENGINEERING DIVISION

MANHOLE
FRAME AND COVER
(SANITARY SEWER)

CITY ENGINEER
GARY JANZEN, P.E

PROJECT NUMBER	OCA NUMBER	DATE
––	·	

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

SHEET 4 / 36

GENERAL NOTES

1. APPLICATION. Risers shall be installed to serve all lots or tracts where the sanitary sewer main is below the water table, where the sanitary sewer main depth is greater than 12' below the proposed ground elevation, where the main is adjacent to a pond or wherever service lines would have to cross under storm sewer pipe. Installation of risers because of field conditions shall be as approved by the City Engineer. The location of the risers to serve developed property shall be approved by the property owner and the Construction Engineer.

2. MANHOLE STUB RISERS. Manhole stub risers be installed in manholes where locations of manholes will provide satisfactory service connection as determined by the Construction Engineer. The vertical distance between the flowline of the manhole stub and the flowline of the sanitary sewer line out of the manhole shall not exceed 2'. Risers shall be utilized at manholes as indicated in Note 1. Manhole stub riser shall be set such that the top of the stub is not lower than the top of the sanitary sewer line.

3. SIZING. Risers shall be sized according to the plans and riser table where risers are indicated by the plans. Where risers are required because of field conditions, the risers shall be 6" diameter for commercial or industrial properties and 4" or 6" diameter for residential properties, based on lot size and sanitary sewer main depth. Sizing of risers shall be approved by the construction Engineer prior to installation.

4. RISER MATERIAL. Risers shall be constructed of Schedule 40 PVC Pipe, meeting the requirement of the latest revision of A.S.T.M.. All pipe joints shall be solvent welded. Full body tee shall be SDR 26 PVC pipe.

5. ROCK ENCASEMENT. Riser connection to clay pipe sanitary sewers shall be rock encased both ways from the riser centerline. The rock encasement shall extend three feet from the riser centerline or stop at the first sanitary sewer pipe joint within three feet of the riser centerline. Riser connections to PVC Sanitary sewer mains shall be rock encased one foot each way from the riser centerline. Crushed rock shall conform to ASTM C-33, Gradation No. 67, and shall meet all requirements for Portland Cement Concrete pavement Coarse Aggregate, Section 406.2, City of Wichita Standard Specifications.

6. BEDDING. Beyond the limits of the rock encasement, bedding around the sanitary sewer riser shall be compacted Pipe Bedding Type 1 or 2. The bedding shall be placed and compacted from the depth of the sanitary sewer main to the top of the sanitary sewer riser pipe. Compacted Pipe Bedding Type 1 or 2 shall be required for all risers whether constructed in vertical wall or sloped wall trenches. Bedding material and construction practices shall be approved by the Construction Engineer prior to installation.

7. SUPPORT OF RISERS. Sanitary sewer riser pipe shall be supported during trench backfill. The riser pipe shall be held in a vertical position at all times until trench backfill and compaction has been completed. Contractor's methods for supporting and back filling the riser pie shall be approved by the Construction Engineer.

8. PLUGGING. The ends of the riser pipes and manhole stubs shall be plugged using an airtight solvent welded cap or plug. Cap or plug fittings shall be approved by the Construction Engineer prior to installation. Caps or plugs which do not provide an airtight seal will not be accepted.

9. TOP OF THE RISER PIPE. The top elevation of the sanitary sewer riser pipe shall be built per plan elevations, unless otherwise directed by the Construction Engineer. where riser elevations are not shown on the plans, the top of the risers shall be set at an elevation four feet below t he proposed ground surface. If ground water is encountered, the top of the riser pipe shall be set at an elevation 2' (min.) above the maximum water table elevation, regardless of the riser elevation shown on the plans.

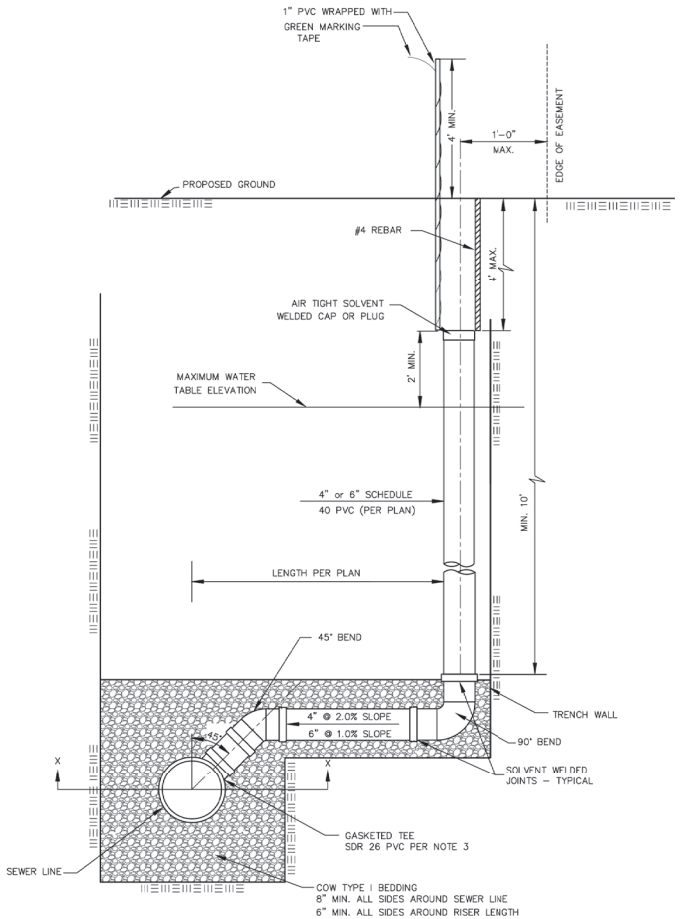
10. MARKING. Locations of the ends of the sanitary sewer riser pipe shall be marked by installing 1" PVC from the top of the riser to a minimum of 4' above the top of finished grade. No. 4 rebar shall be placed centered over the riser from the cap to the existing ground. The 1" PVC pipe shall be wrapped with green colored plastic tape, for the full length above ground surface. The green tape shall be 4 mil Polyethylene film with a minimum width of three inches, specifically manufactured for the purpose of identification of underground sewers.

11. LOCATION MEASURES. The project inspector shall record and document the location of all risers constructed as measured from the nearest manhole, indicate the direction from the manhole, the direction and distance from the main, riser size, and elevation of the top of the riser in tabular format.

12. RISER LOCATION. the riser shall be located per plan if shown. If not shown on the plan, the riser shall be located at the center of the lot, within one foot of the property side of the easement for the lot being served. All riser locations shall be approved by the Construction Engineer prior to installation.

13. PAYMENT. "Riser Assembly, Vertical " shall be paid for at the contract unit price per each, which shall be full compensation for all pipe, fittings, marking tape, length of backfill, labor, site restoration, and any other items necessary to complete the work.

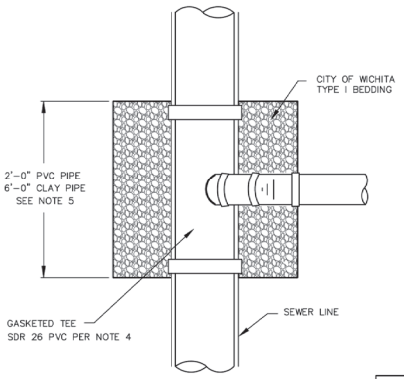
    "Riser Assembly, Manhole Stub" shall be paid for at the contract unit price per each, which shall be full compensation for all labor material and incidentals necessary to complete the work including all pipe, fittings, rock encasement, and all other items as required and listed for "Riser Assembly, Vertical "



NOTE: RISER PIPE REQUIREMENTS AT MANHOLE CONNECTION SHALL BE SIMILAR TO THOSE SHOWN ABOVE.

SANITARY SEWER RISER TABLE							FOR INFORMATION ONLY	
		LOCATION					APPROXIMATE LENGTH	
NUMBER	TYPE	LOT NO.	BLOCK NO.	LINE NO.	STATION	DIRECTION	VERTICAL (FT)	HORIZONTAL (FT)
1	4" MANHOLE CONNECTION							
2	6" MANHOLE CONNECTION							
3	4" TEE							
4	6" TEE							

NOTE: TABLE FOR REFERENCE ONLY AND SHOULD BE ON EACH APPLICABLE PLAN SHEET.



NOTE:
NON SHEAR COUPLING TO BE USED WHEN HOOKING TO CLAY PIPE.

TYPICAL SECTION X-X

GARY L. JANZEN LICENSED 16284 KANSAS PROFESSIONAL ENGINEER
07/21/15

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

REVISED: JULY 2015

CITY OF WICHITA
PUBLIC WORKS & UTILITIES ENGINEERING DIVISION

VERTICAL RISER ASSEMBLY SEWER DETAIL

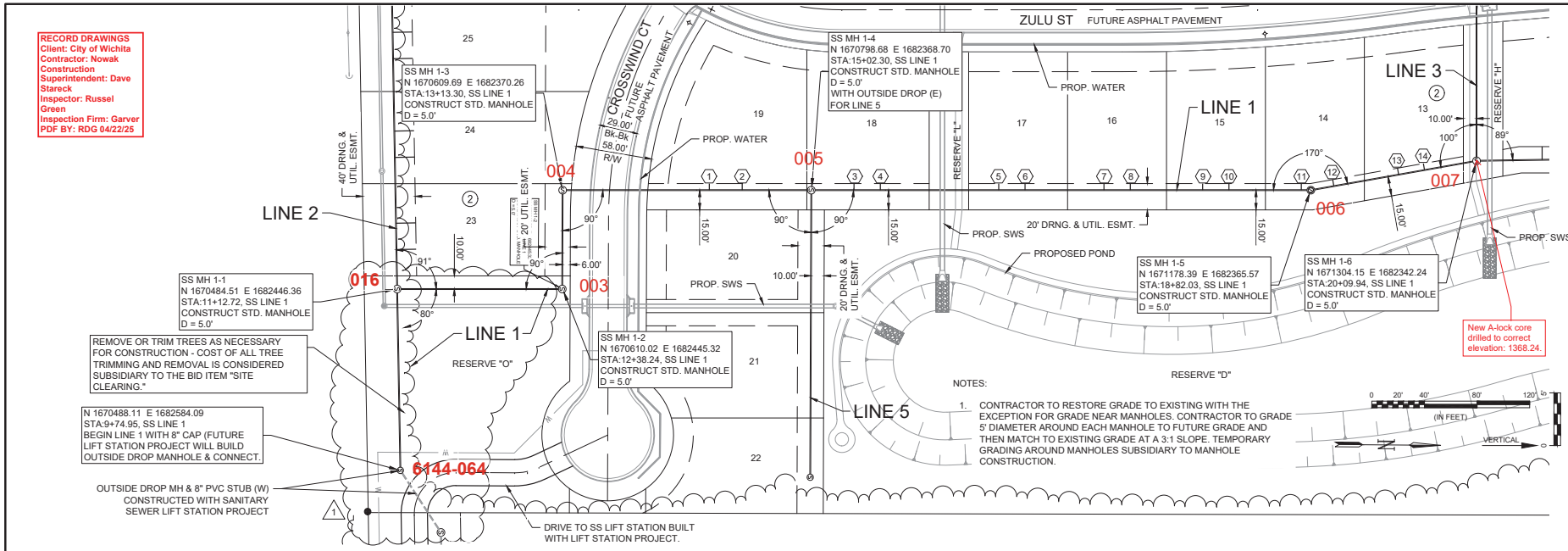
CITY ENGINEER
GARY JANZEN, P.E.

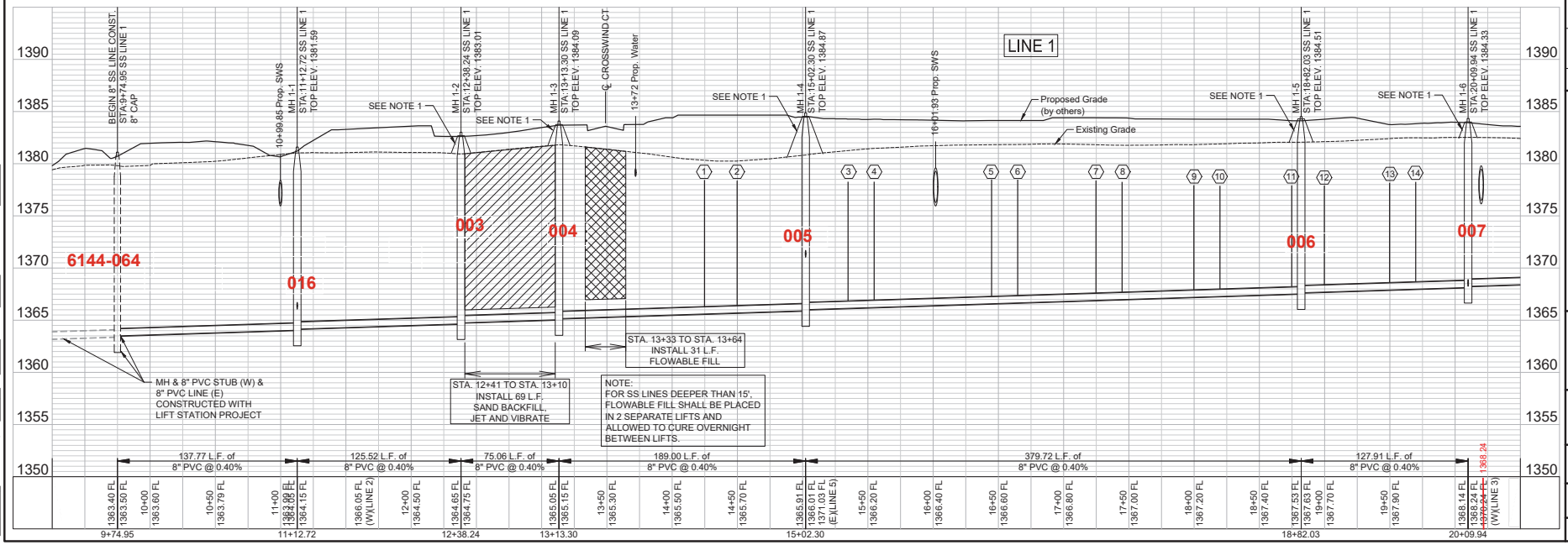
PROJECT NUMBER	OCA NUMBER	DATE
--	.	

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

SHEET 5 / 36

SS-103





GARVER

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY
1	10/21/24	Adjust MH 1-4 location due to change in Lift Station	DRS

WICHITA

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 1
(1 of 4)

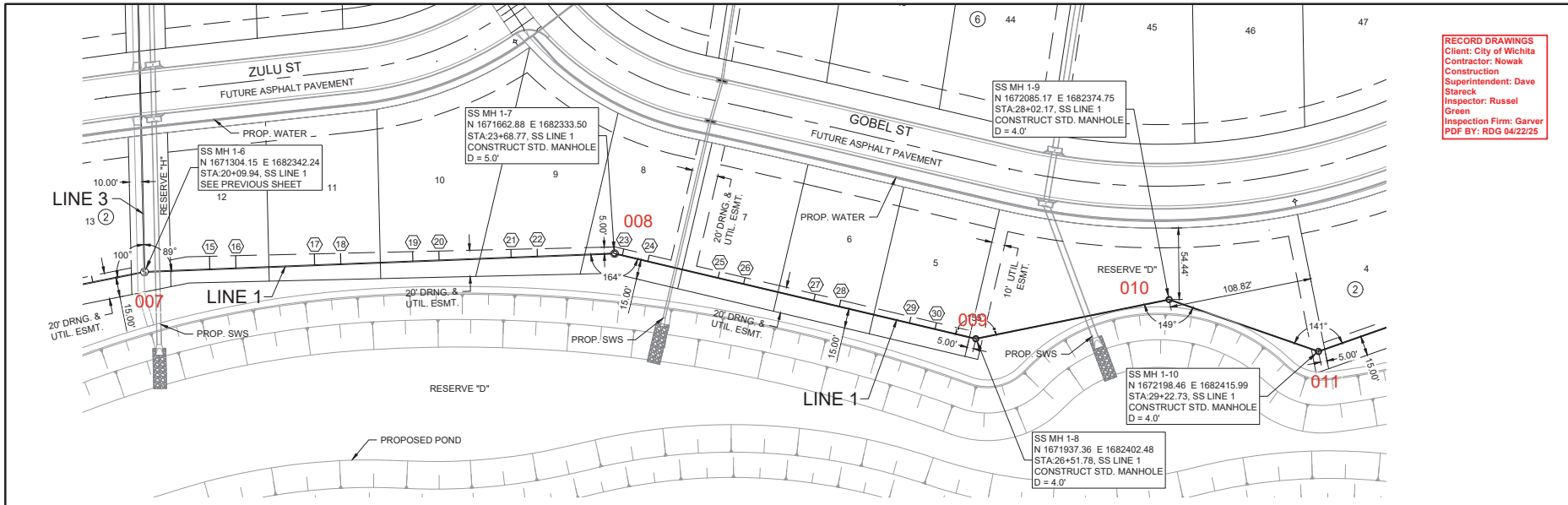
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 6 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 1-1.dwg Last Saved: 10/21/2024 2:02 PM Last saved by: DRStandrich
Last plotted by: Standrich, Daryl R Plot Style: — Plot Scale: 1:2.5644 Plot Date: 10/21/2024 2:03 PM Plotter Used: None

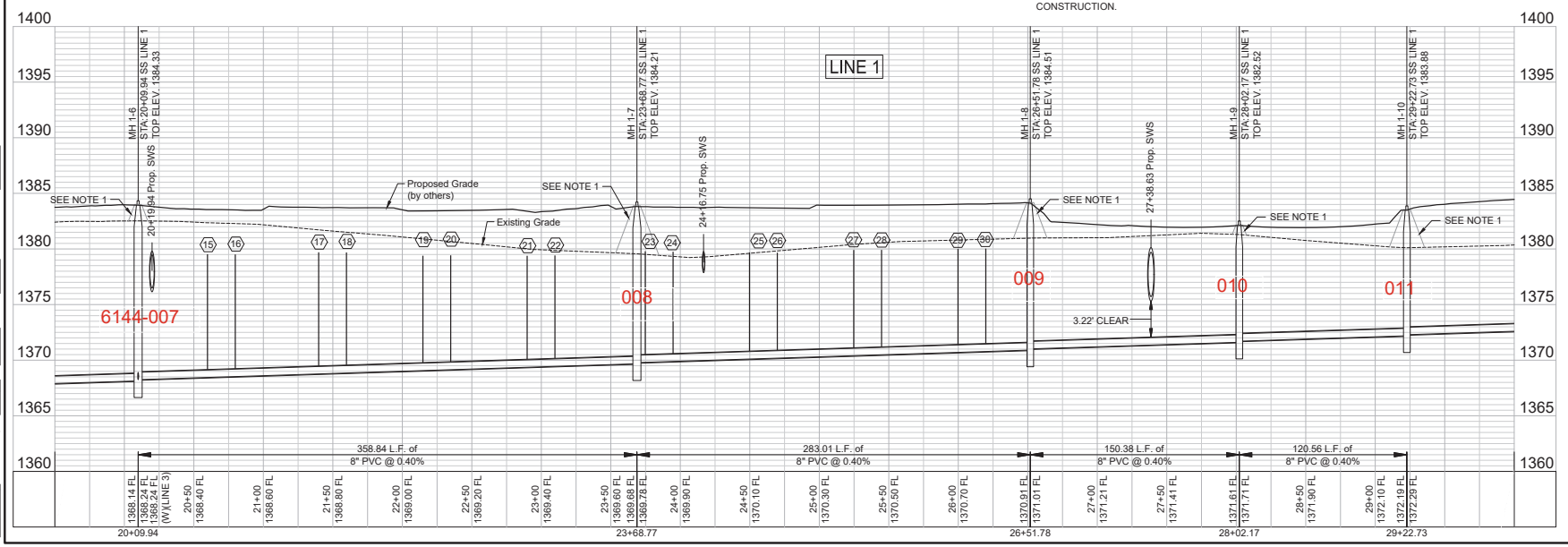


NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.

0 20' 40' 80' 120'
(IN FEET)

VERTICAL



GARVER
1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

REV	DATE	DESCRIPTION	BY

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 1
(2 of 4)

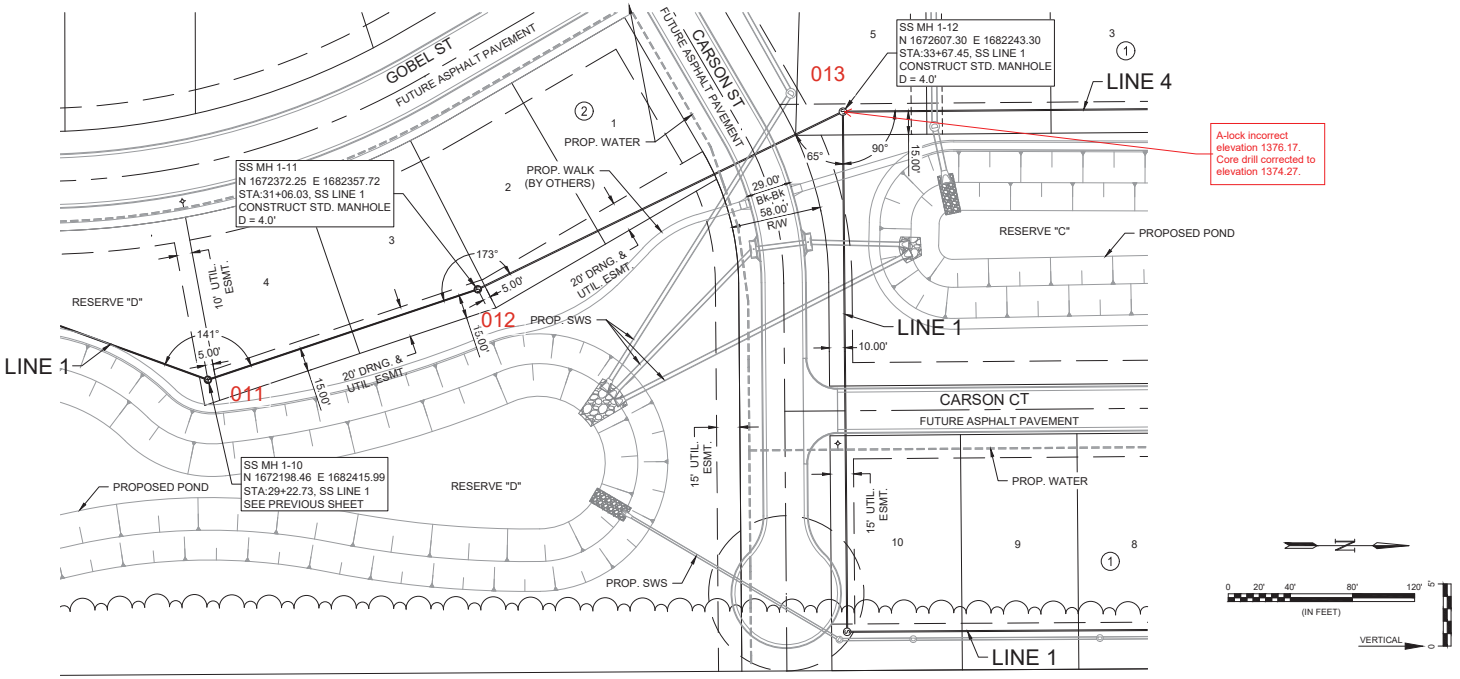
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

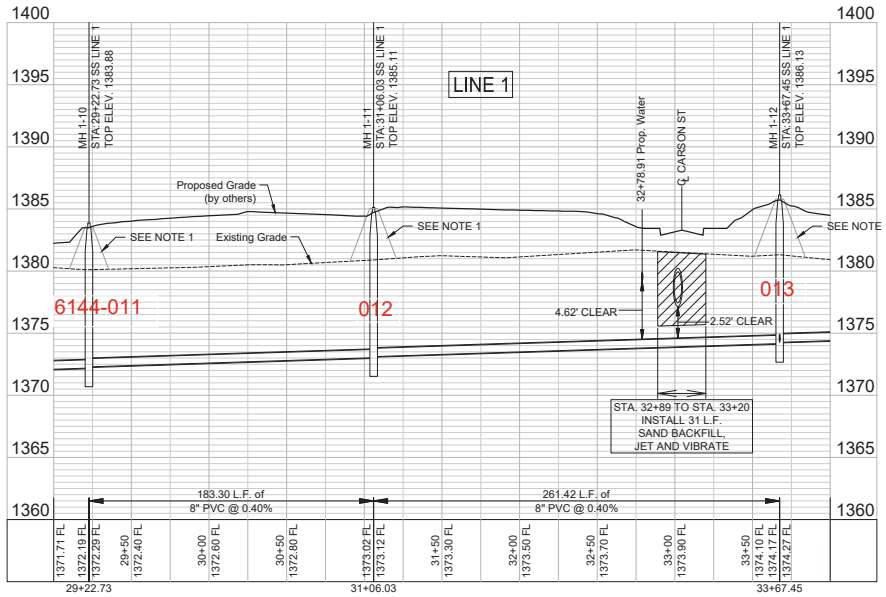
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 7 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 1-2.dwg Last Save: 8/22/2024 11:00 AM Last saved by: DRSTANDRICH
Last plotted by: Standrich, Daryl R Plot Style: — Plot Date: 8/19/2024 8:24 AM Plotter used: None





NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

GARVER
© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV | DATE | DESCRIPTION | BY

WICHITA

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 1
(3 of 4)

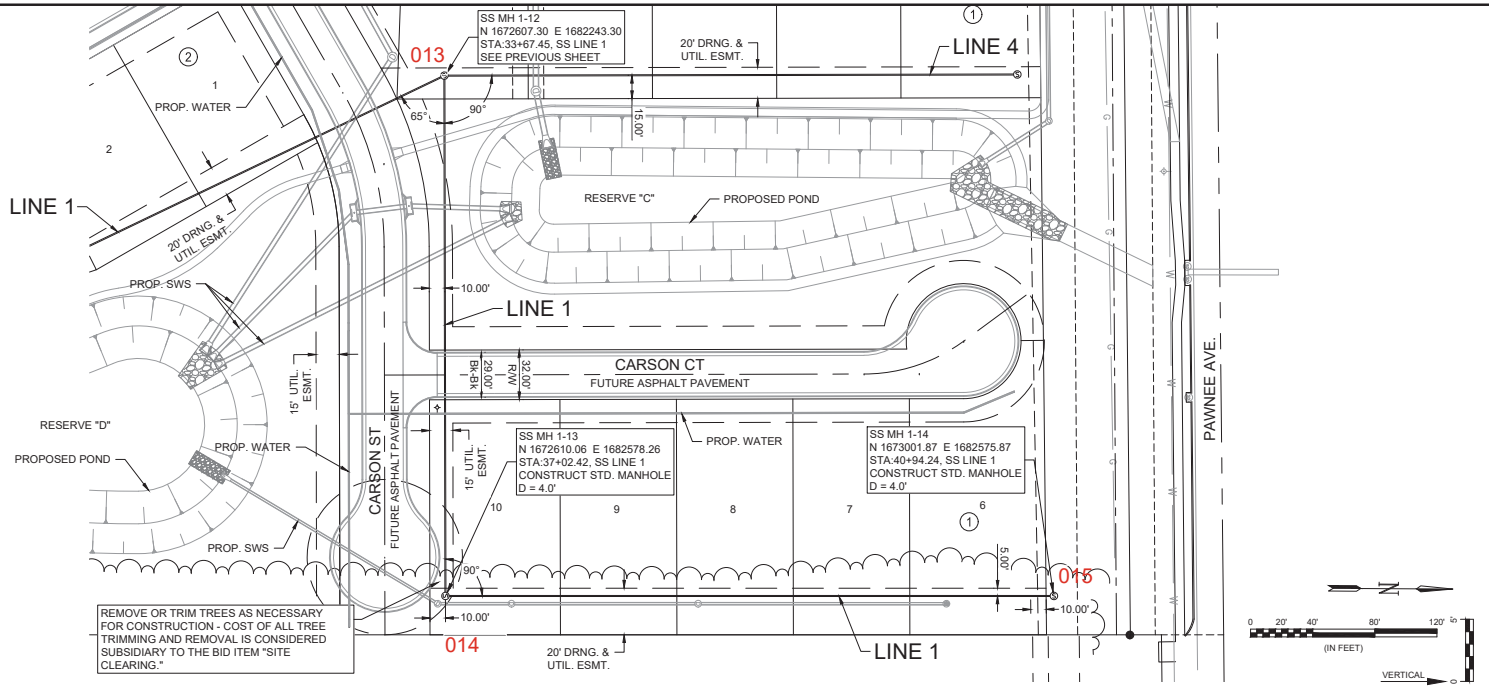
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

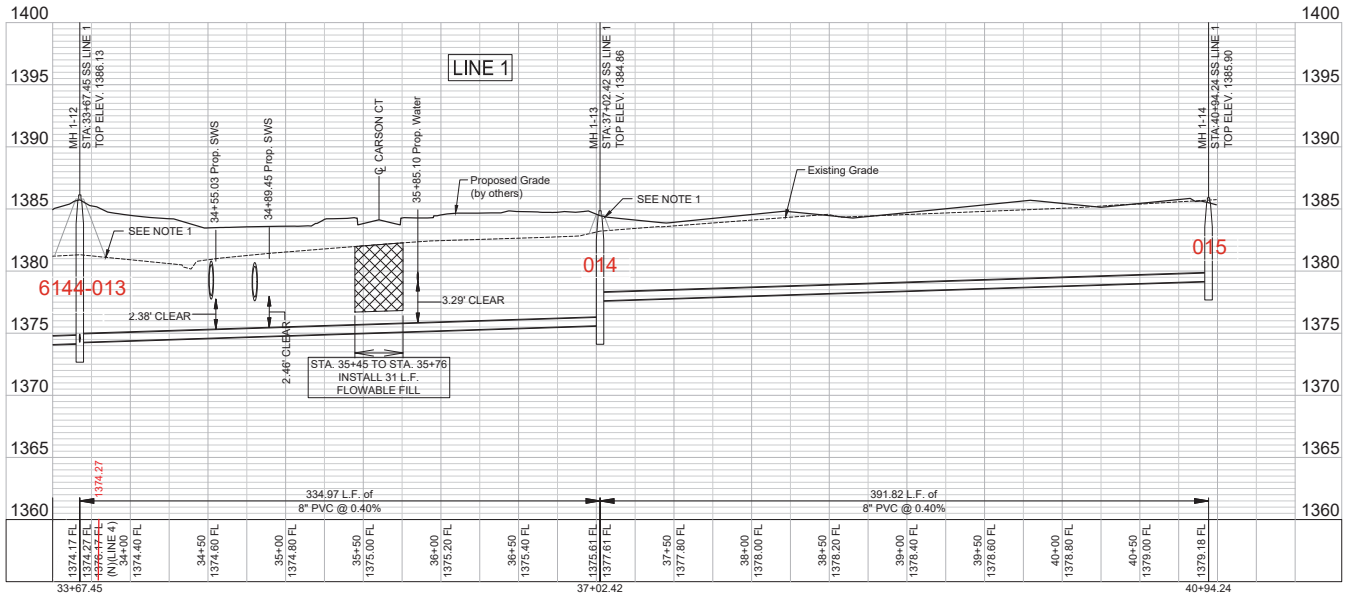
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 8 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 1-3.dwg Last Save: 8/19/2024 7:44 AM Last saved by: DRSlandrich
Last plotted by: Slandrich, Daryl R Plot Style: — Plot Scale: 1:2.564 Plot Date: 8/19/2024 8:24 AM Plotter used: None





NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

GARVER
© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 1
(4 of 4)

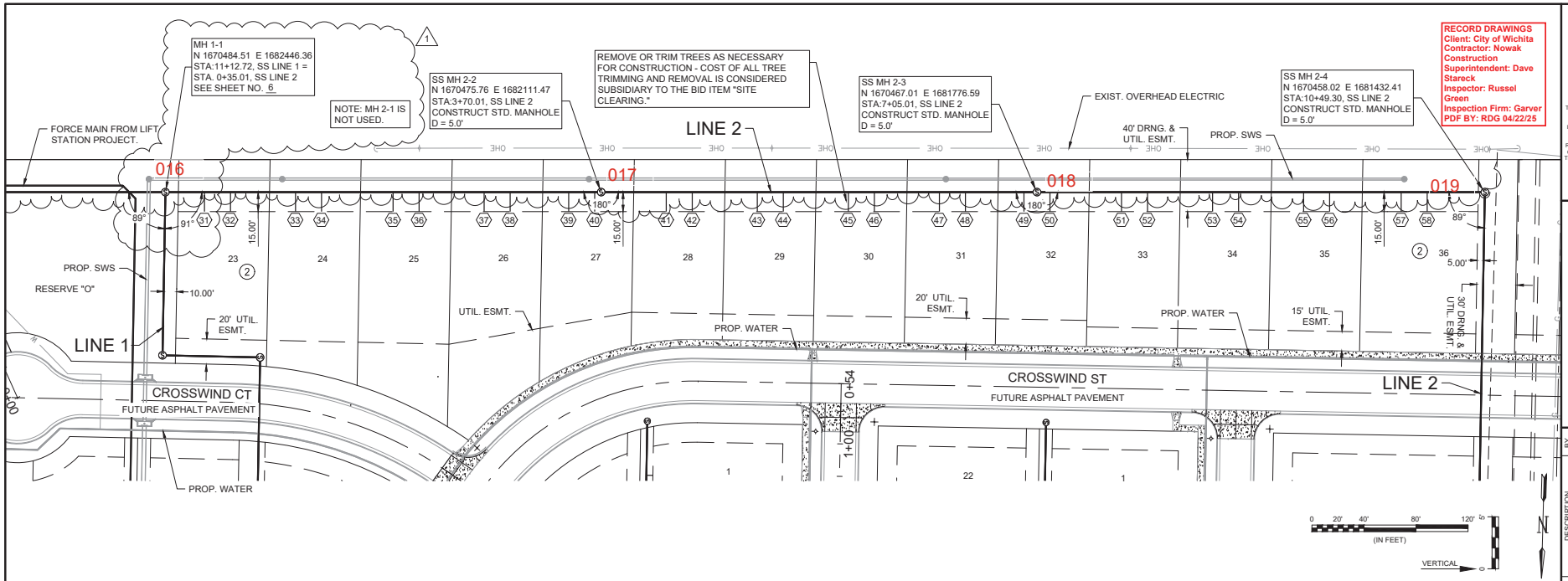
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

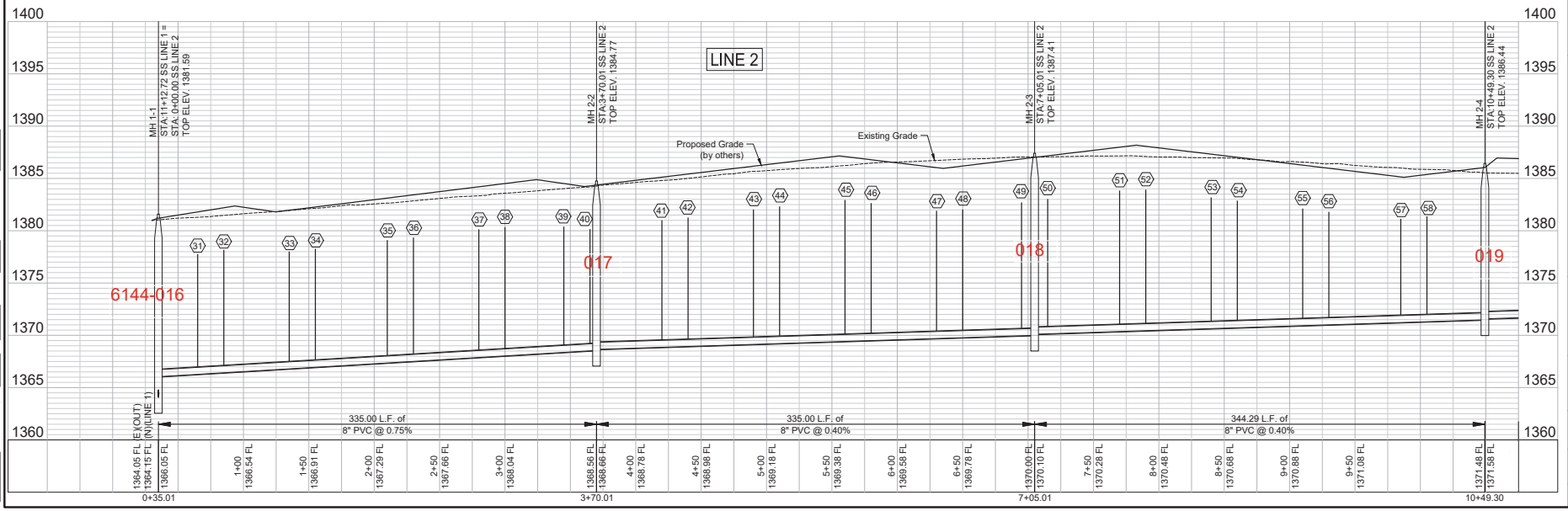
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 9 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 1-4.dwg Last Save: 8/22/2024 12:17 PM Last saved by: DRSTANDRICH
Last plotted by: Standrich, Daryl R Plot Date: 8/19/2024 8:23 AM Plotter used: None
Plot Scale: 1:2.5644





GARVER
© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY
1	10/21/24	MH CHANGES AT LIFT STATION CHANGED LOCATION OF 1-1	DRS

WICHITA

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 2
(1 of 4)

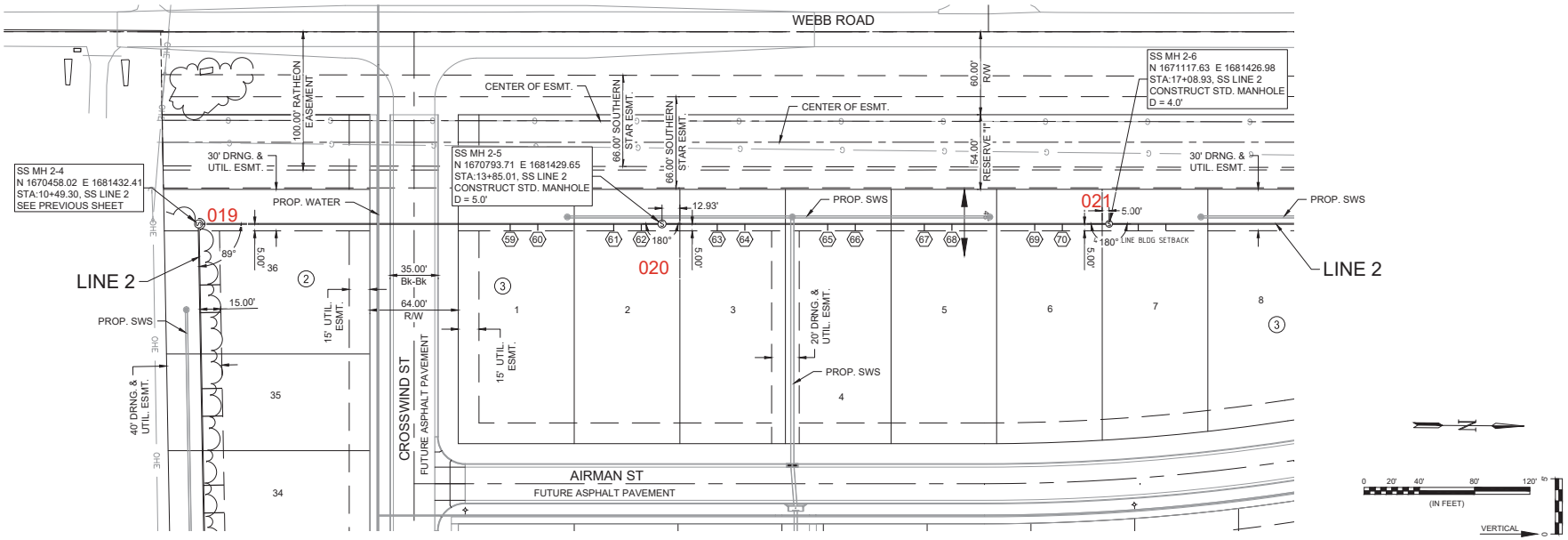
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

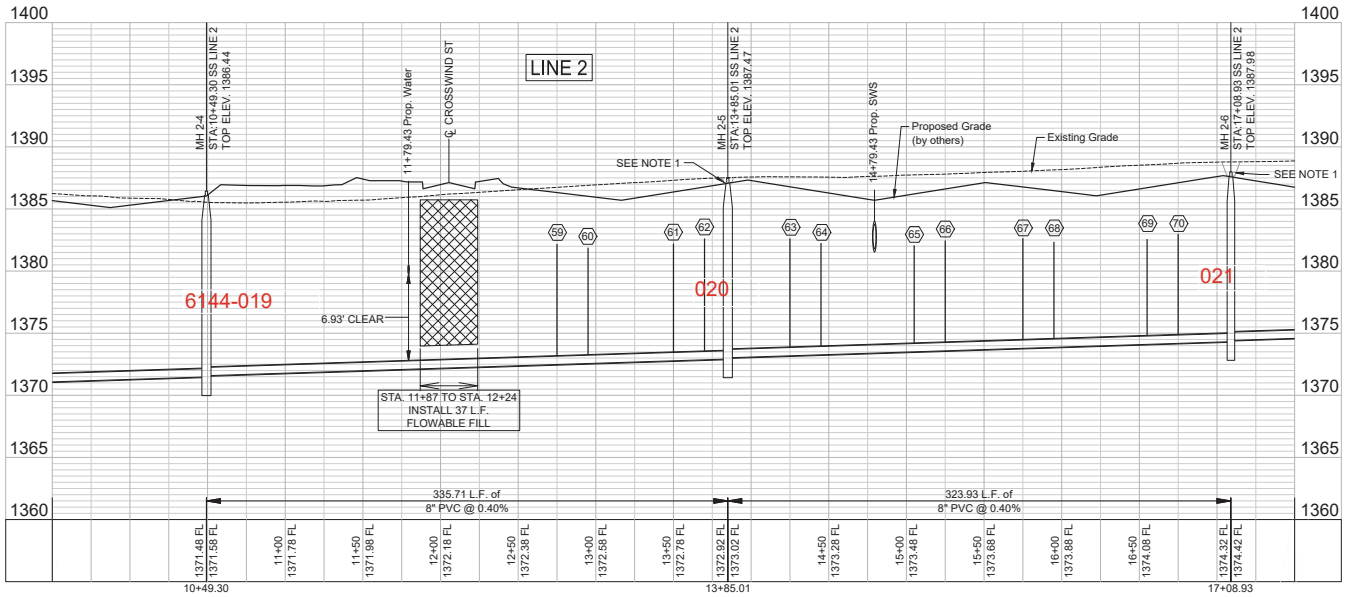
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 10 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 2-1.dwg Last Save: 10/21/2024 2:44 PM Last saved by: DRStandrich
Last plotted by: Standrich, Daryl R Plot Date: 10/21/2024 2:45 PM Plotter used: None





NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 2
(2 of 4)

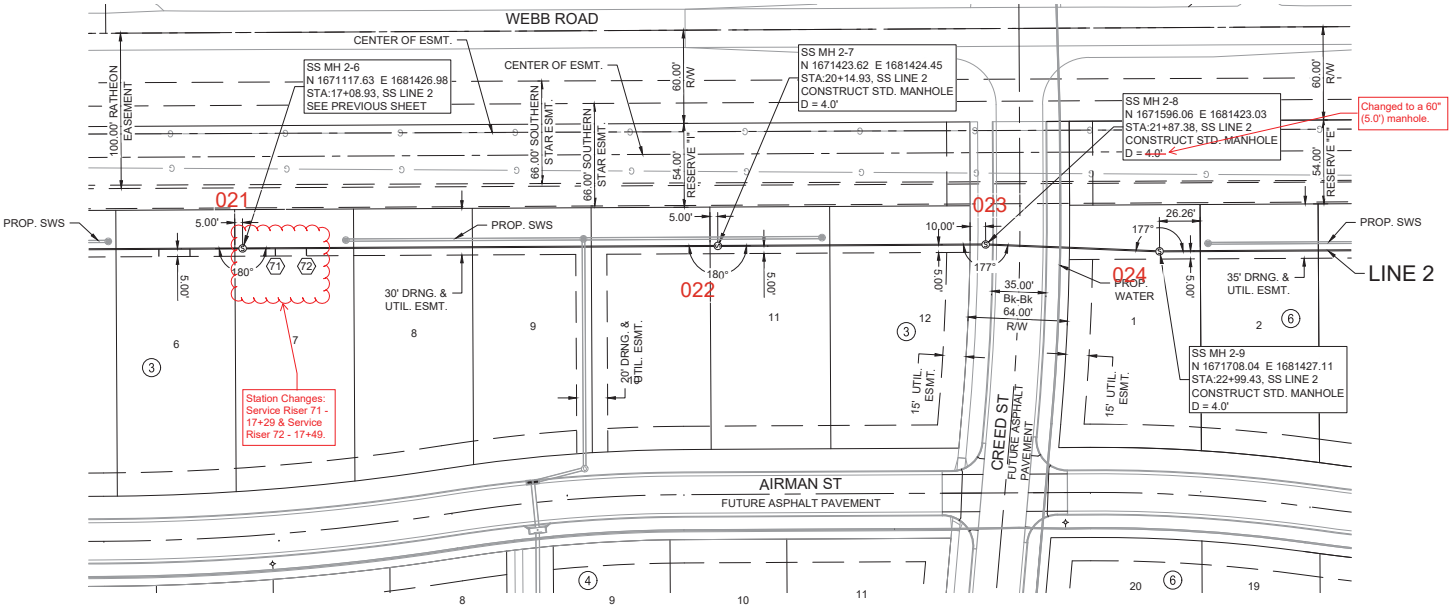
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

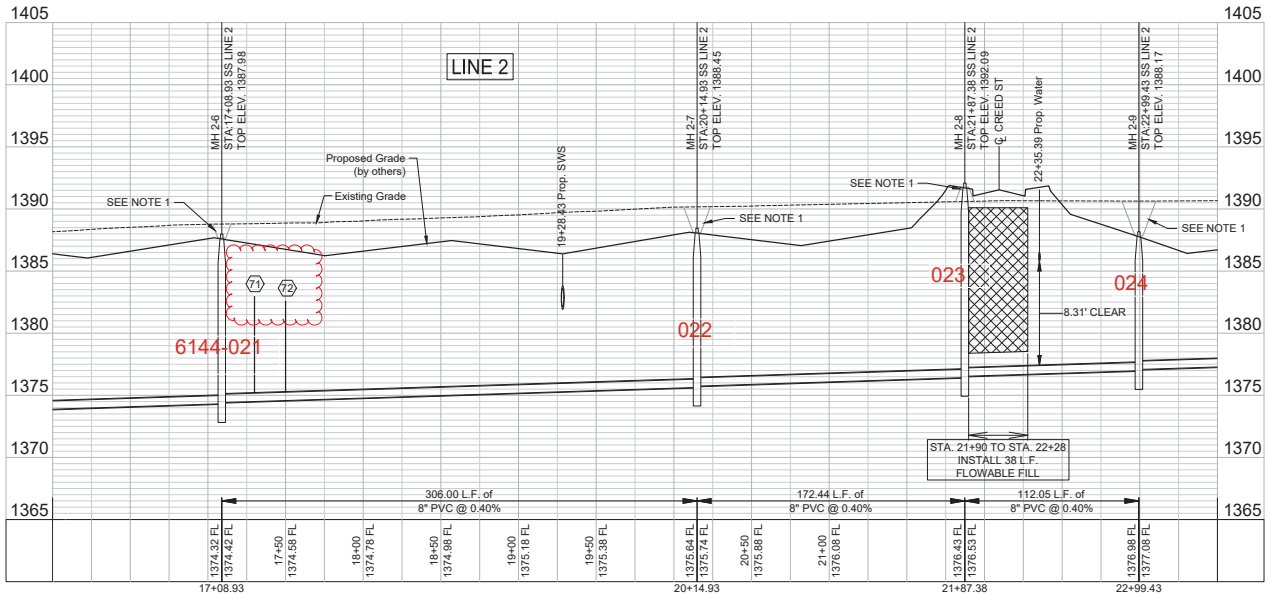
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 11 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEET\SS LINE 2-2.dwg Last Save: 8/2/2024 1:51 PM Last saved by: DRSTANDRICH
Last plotted by: Standrich, Daryl R. Plot Date: 8/19/2024 8:28 AM Plotter used: None
Plot Scale: 1:2.5644





NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

GARVER
© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

EJG 8/21/24

REV	DATE	DESCRIPTION	BY

WICHITA

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 2
(3 of 4)

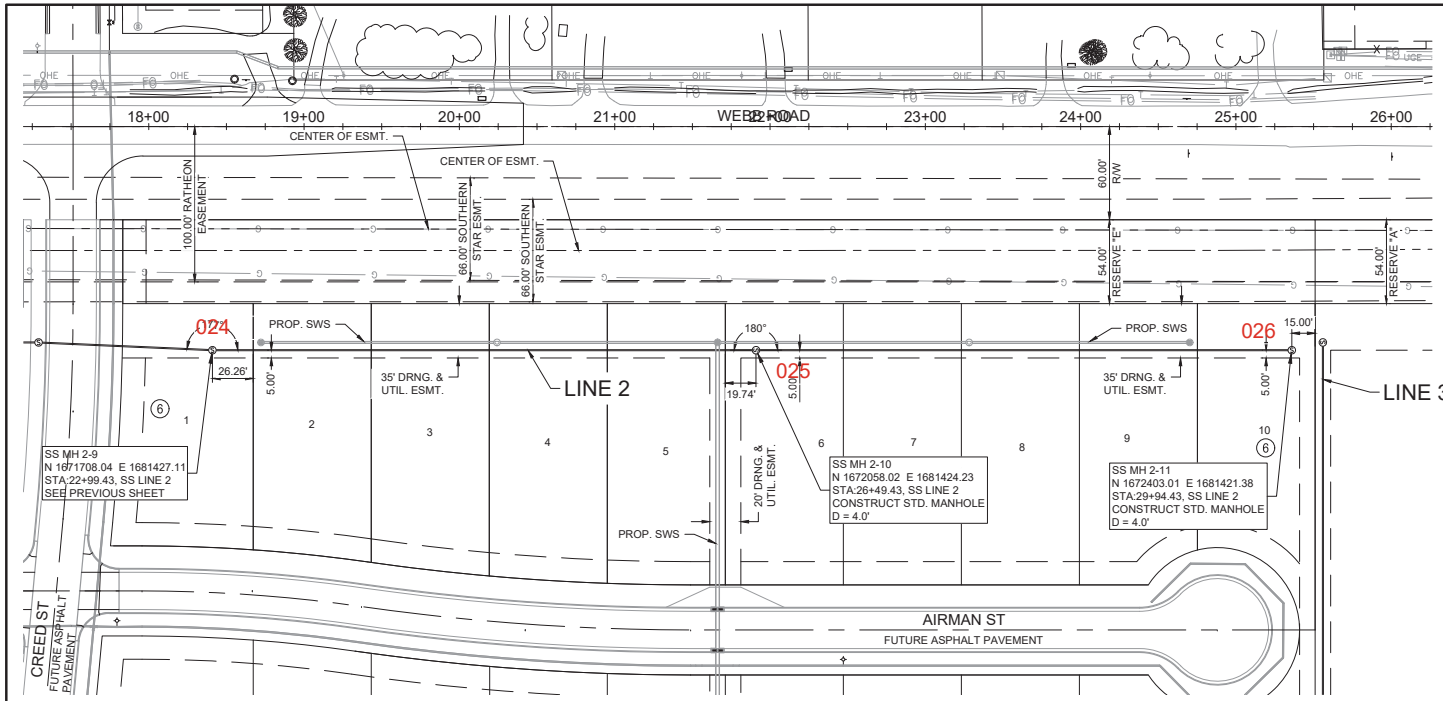
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

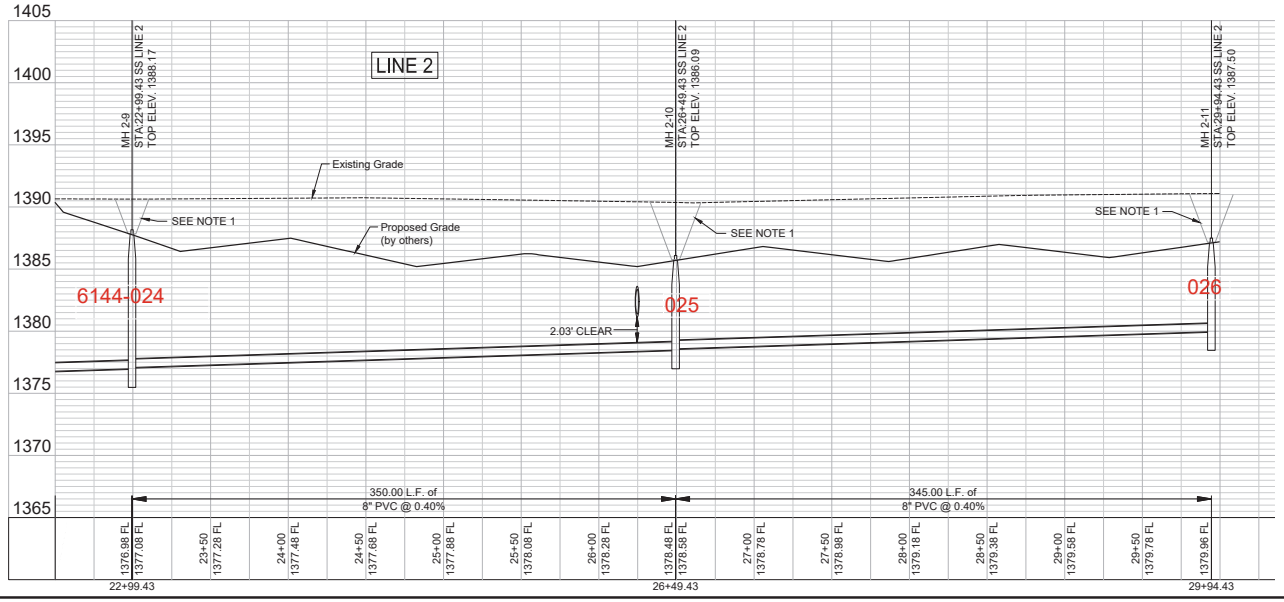
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

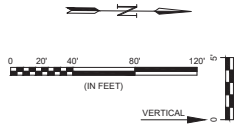
DRAWING NUMBER

SHEET NUMBER 12 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 2-3.dwg Last Save: 8/22/2024 1:59 PM Last saved by: DRSTANDRICH
Last plotted by: Standrich, Daryl R Plot Date: 9/19/2024 8:24 AM Plotter used: None
Plot Scale: 1.2.5849







NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

GARVER

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

ERIC JOHN GLEICH
PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY

WICHITA

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 2
(4 of 4)

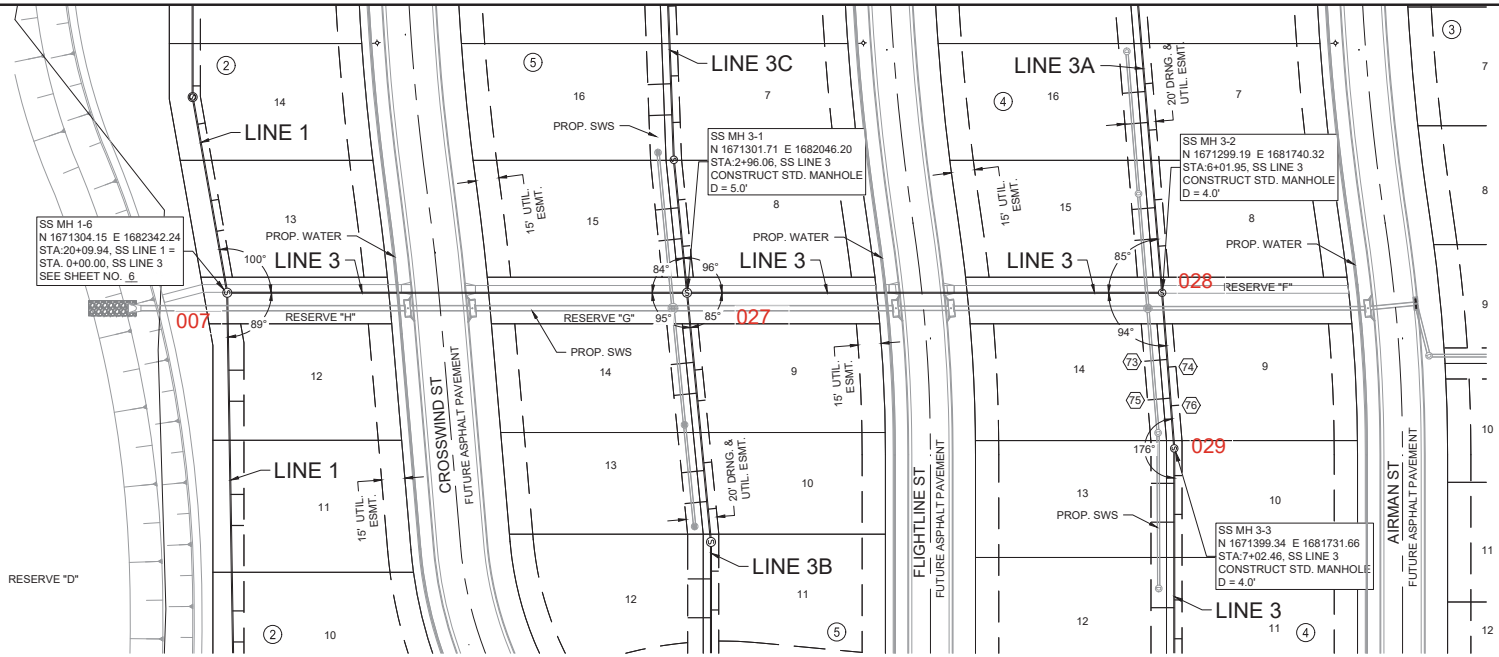
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

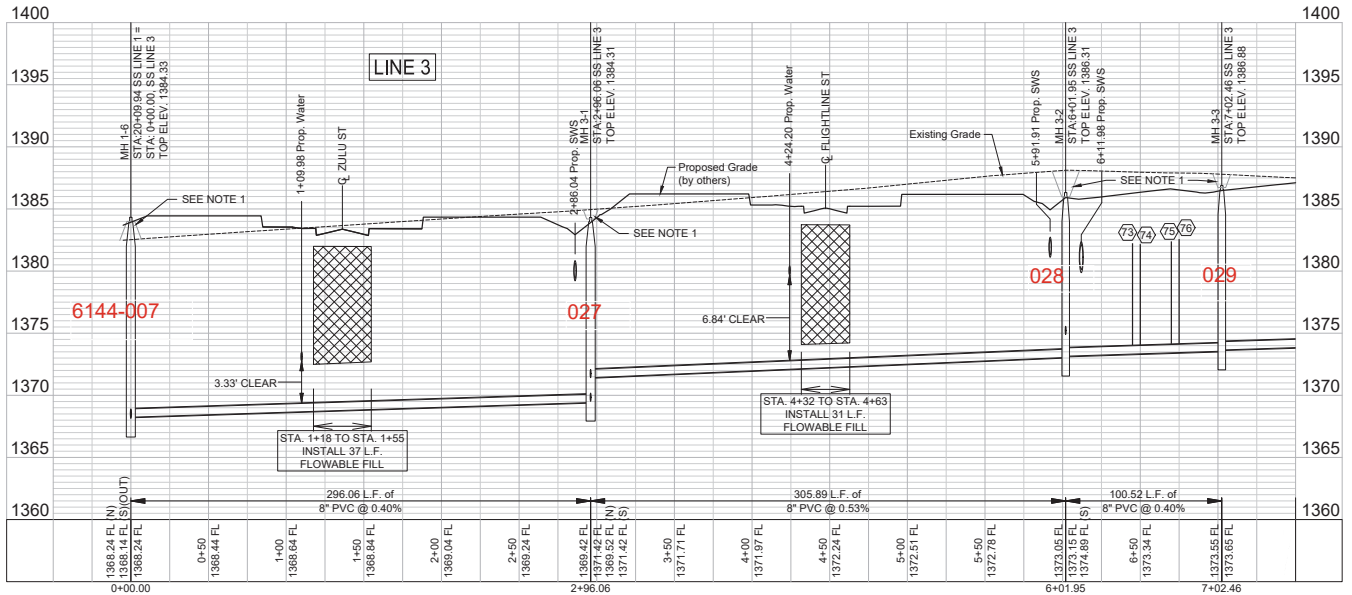
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 13 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 2-4.dwg Last Save: 8/19/2024 7:36 AM Last saved by: DRStandrich
Last plotted by: Standrich, Daryl R Plot Style: — Plot Scale: 1:2.564 Plot Date: 8/19/2024 8:27 AM Plotter used: None





NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

EMIL JOHN GLEICH
CERTIFICATE NUMBER 8247
PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 3
(1 of 2)

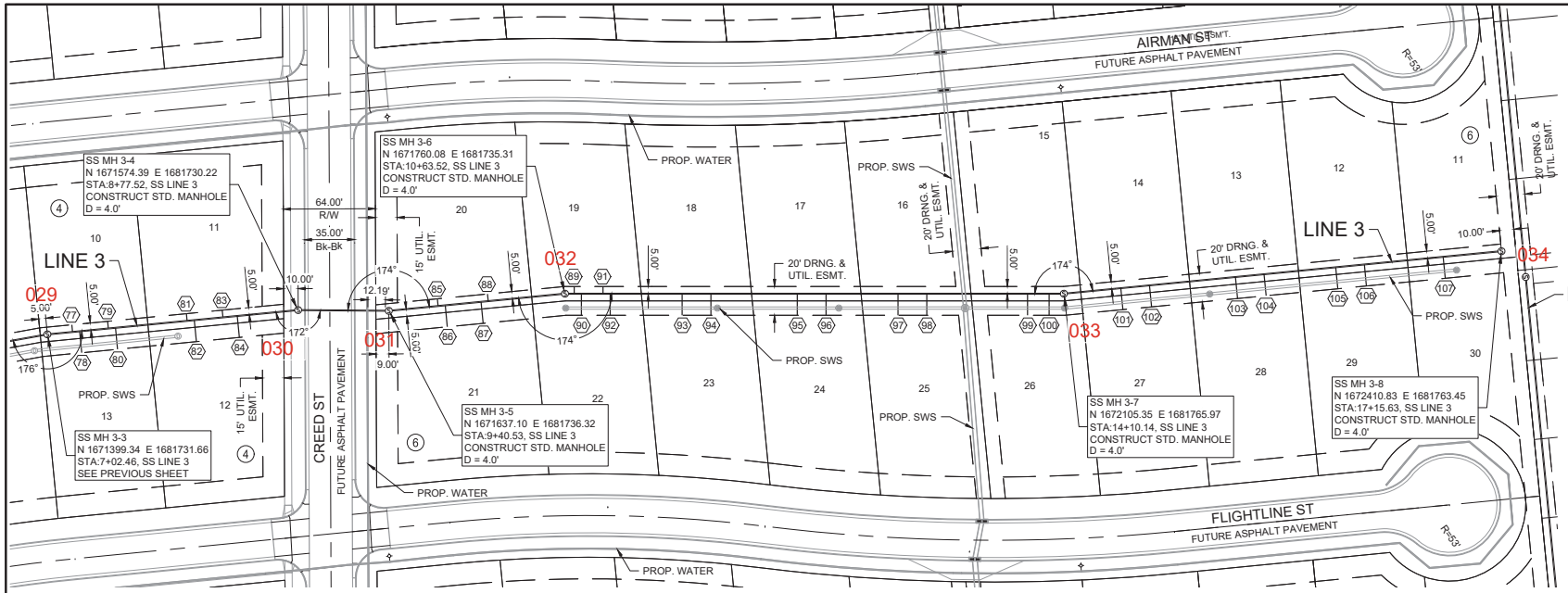
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

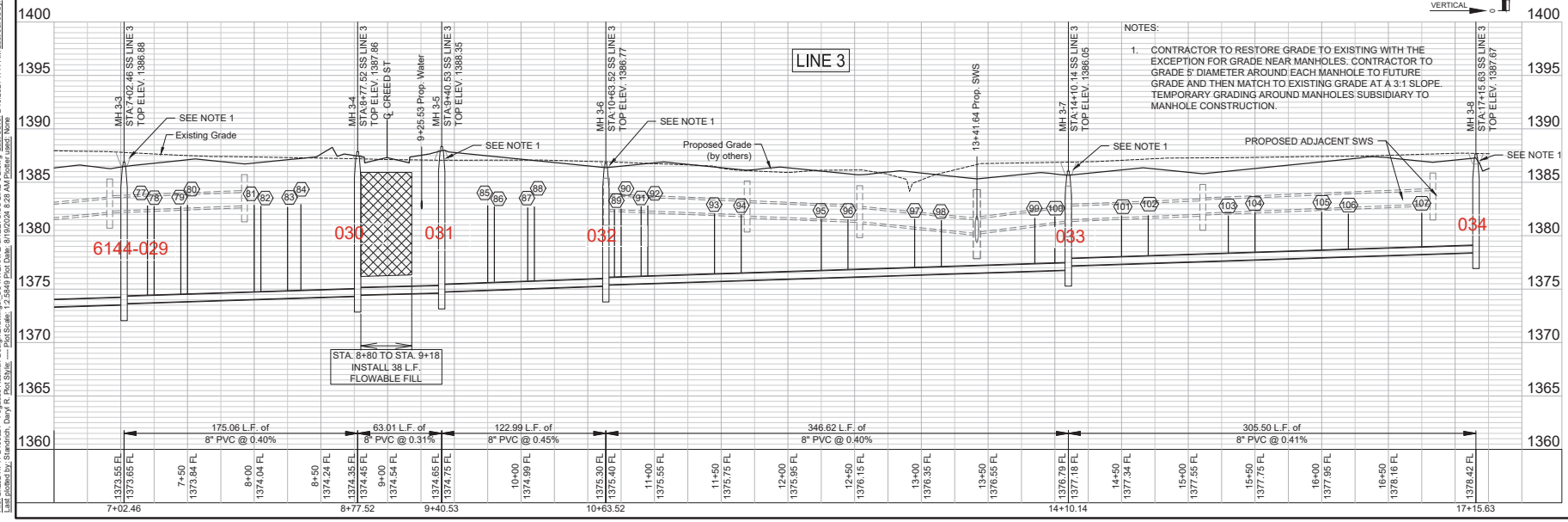
DRAWING NUMBER

SHEET NUMBER 14 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 3-1.dwg Last Save: 8/19/2024 7:39 AM Last saved by: DRSlandrich
Last plotted by: Slandrich, Daryl R. Plot Style: — Plot Scale: 1:2.5644 Plot Date: 8/19/2024 8:27 AM Plotter used: None



RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25



GARVER
© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY

WICHITA

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 3
(2 of 2)

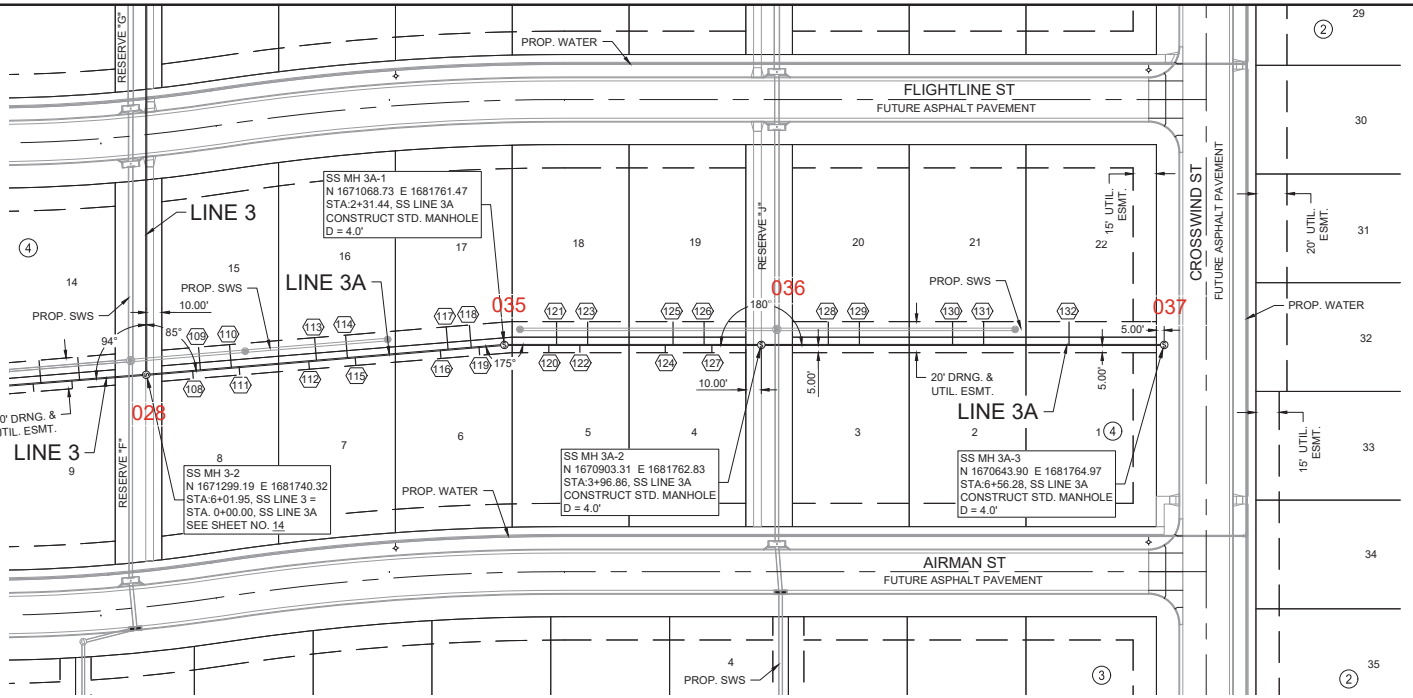
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

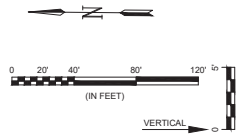
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

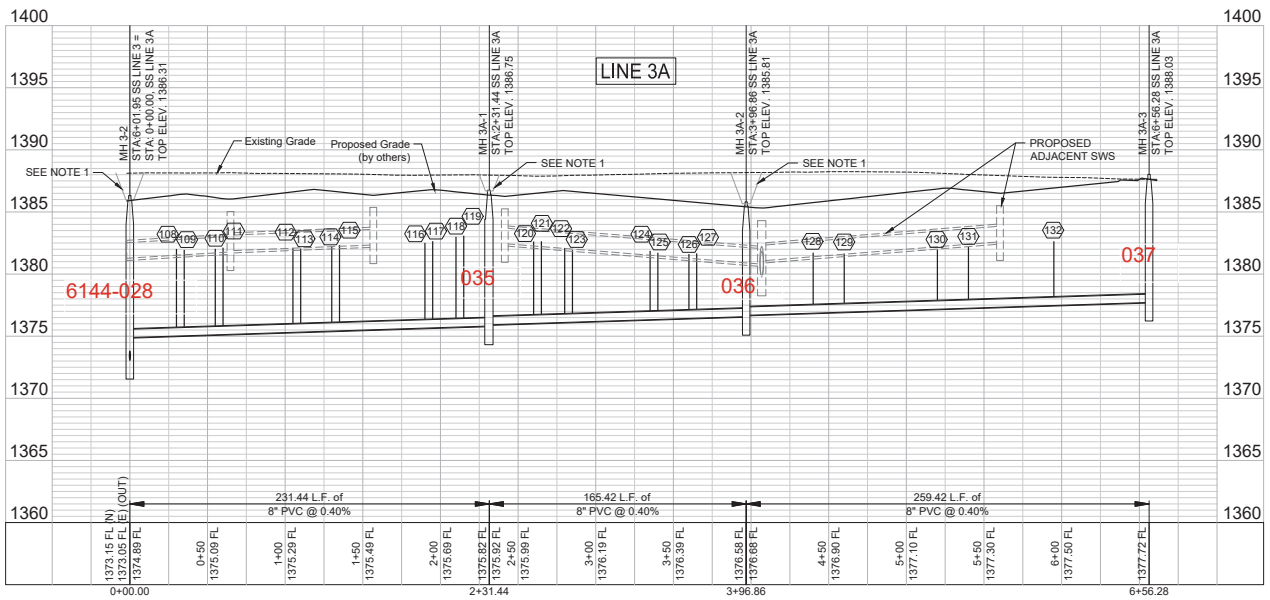
DRAWING NUMBER

SHEET NUMBER 15 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 3-2.dwg Last Save: 8/19/2024 7:41 AM Last saved by: DRStandrich
Last plotted by: Standrich, Daryl R Plot Style: — Plot Scale: 1:2.5644 Plot Date: 8/19/2024 8:23 AM Plotter used: None







NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

GARVER
© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 3A

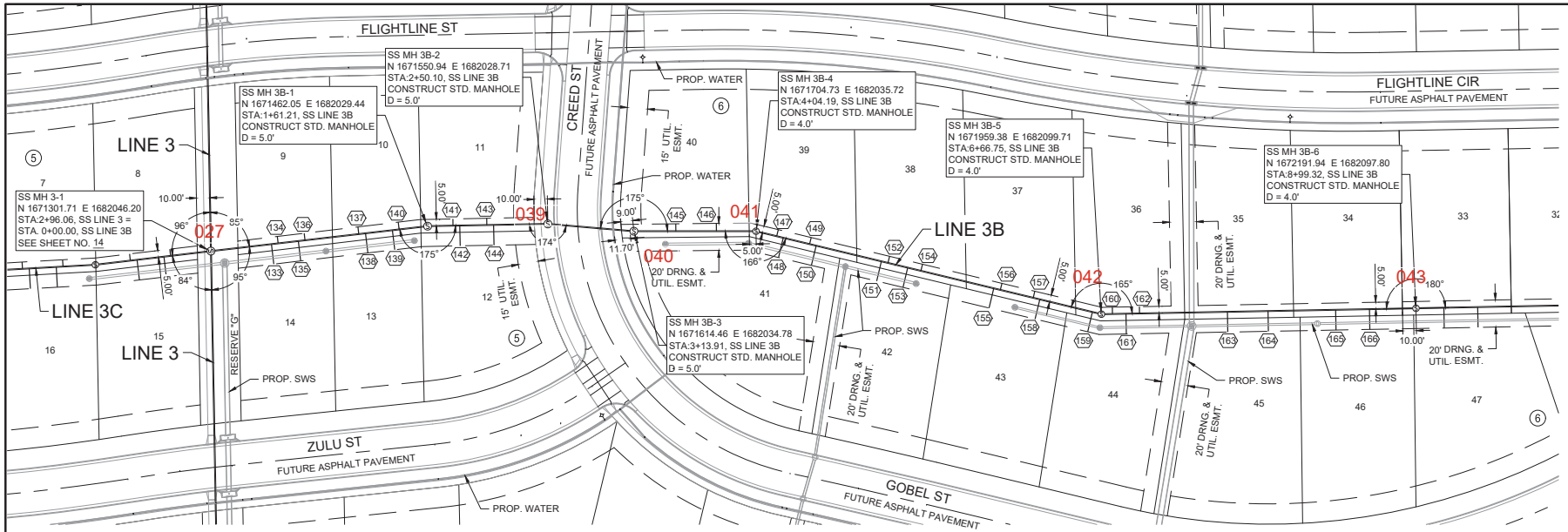
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

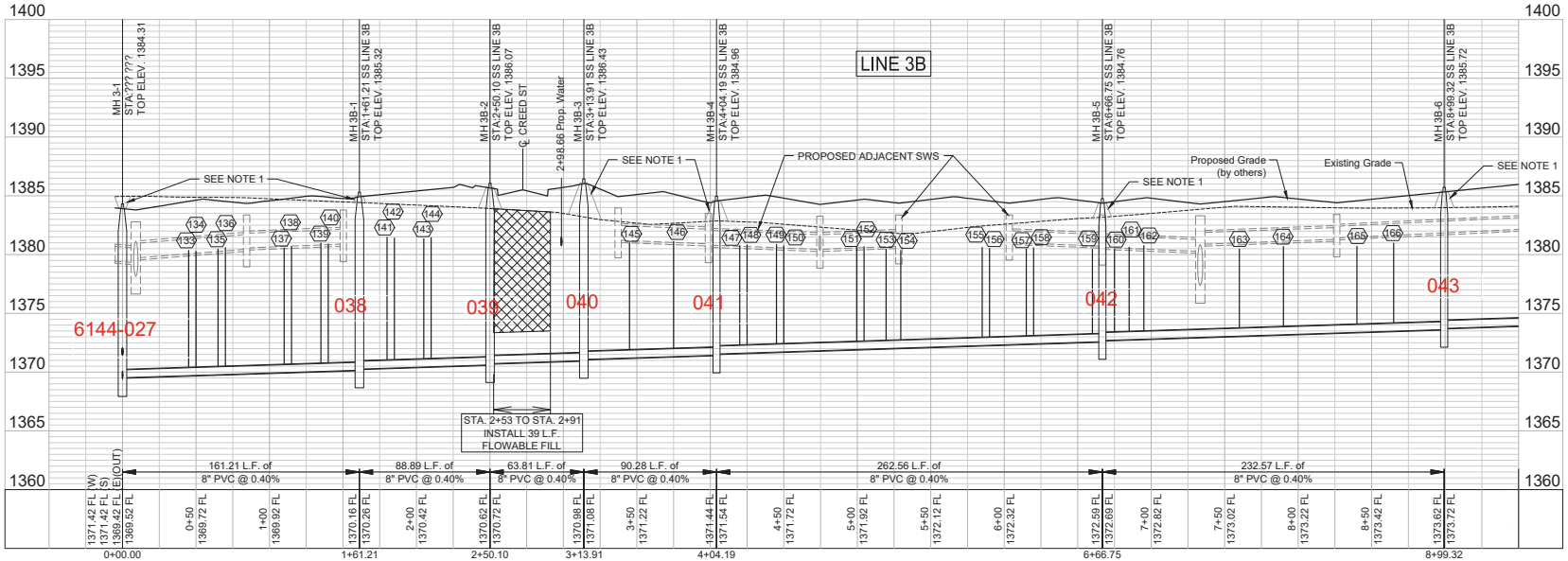
SHEET NUMBER 16 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 3A.dwg Last Save: 8/19/2024 8:00 AM Last saved by: DRSlandrich
Last plotted by: Slandrich , Daryl R Plot Style: — Plot Scale: 1:2.5644 Plot Date: 8/19/2024 8:24 AM Plotter used: None



NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.



RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

GARVER
1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

BY | DESCRIPTION | DATE | REV

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 3B
(1 of 3)

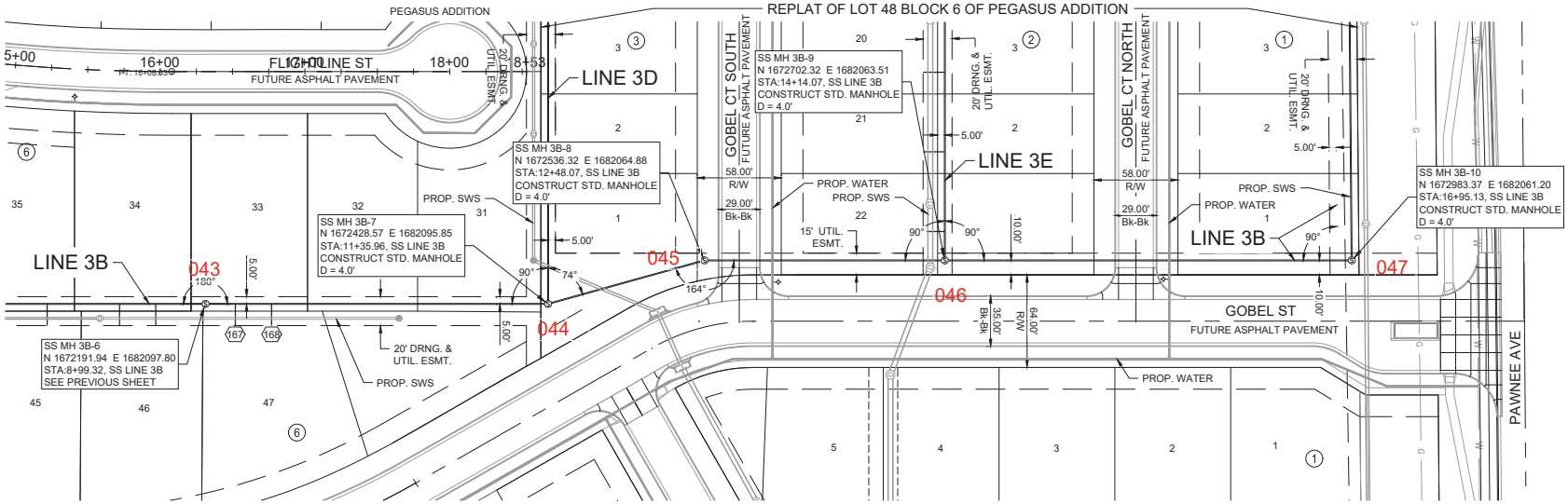
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 17 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 3B-1.dwg Last Save: 8/19/2024 8:02 AM Last saved by: DRSandrich
Last plotted by: Sandrich, Daryl R Plot Style: — Plot Date: 8/19/2024 8:30 AM Plotter used: None

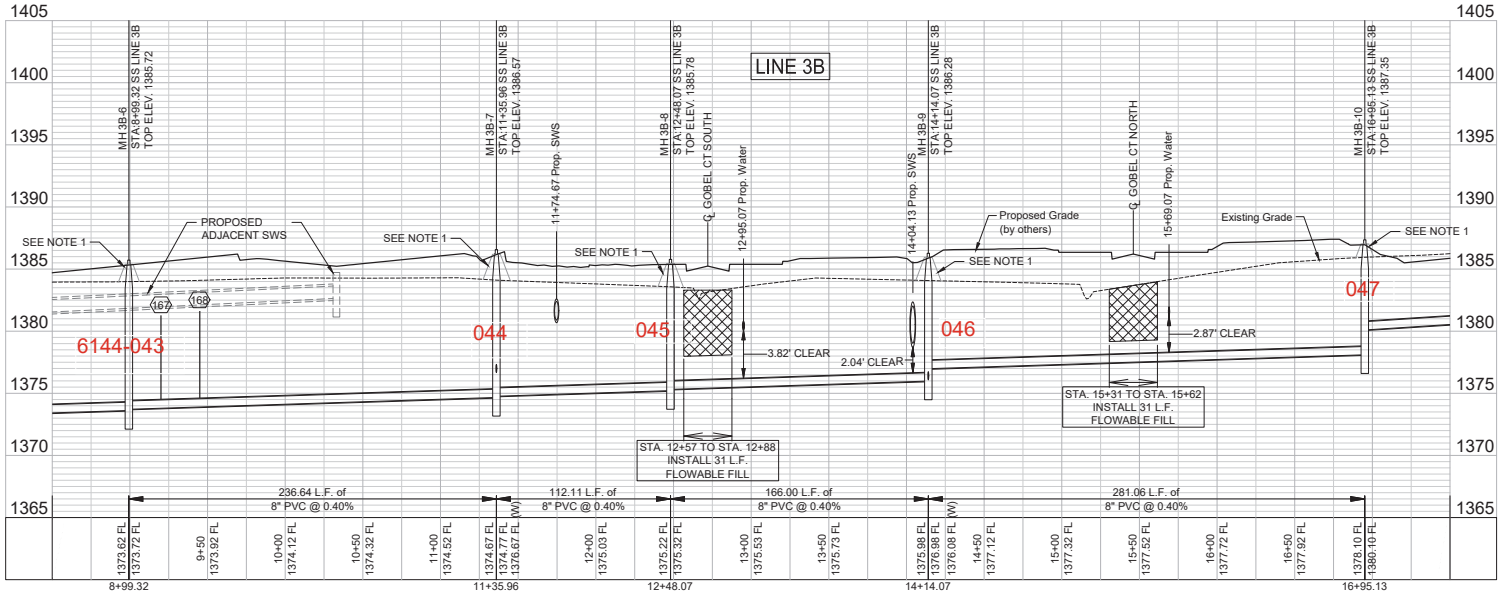


NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.

0 20' 40' 80' 120' (IN FEET)

VERTICAL 0 5'



RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV | DATE | DESCRIPTION | BY

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 3B
(2 of 3)

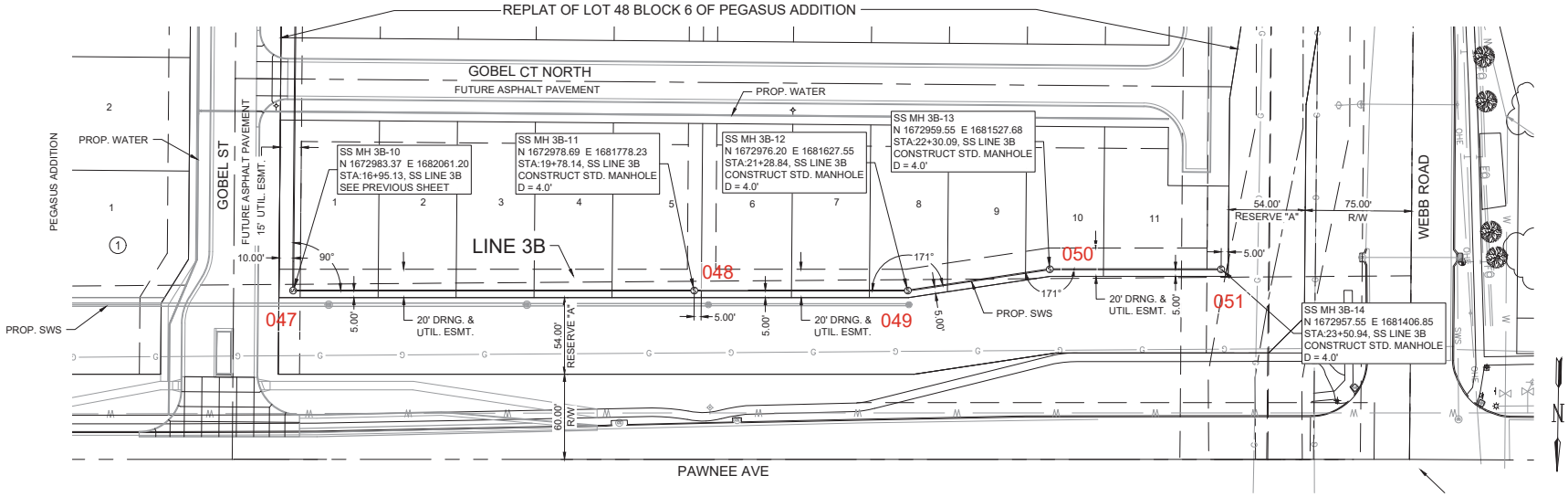
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 18 OF 36

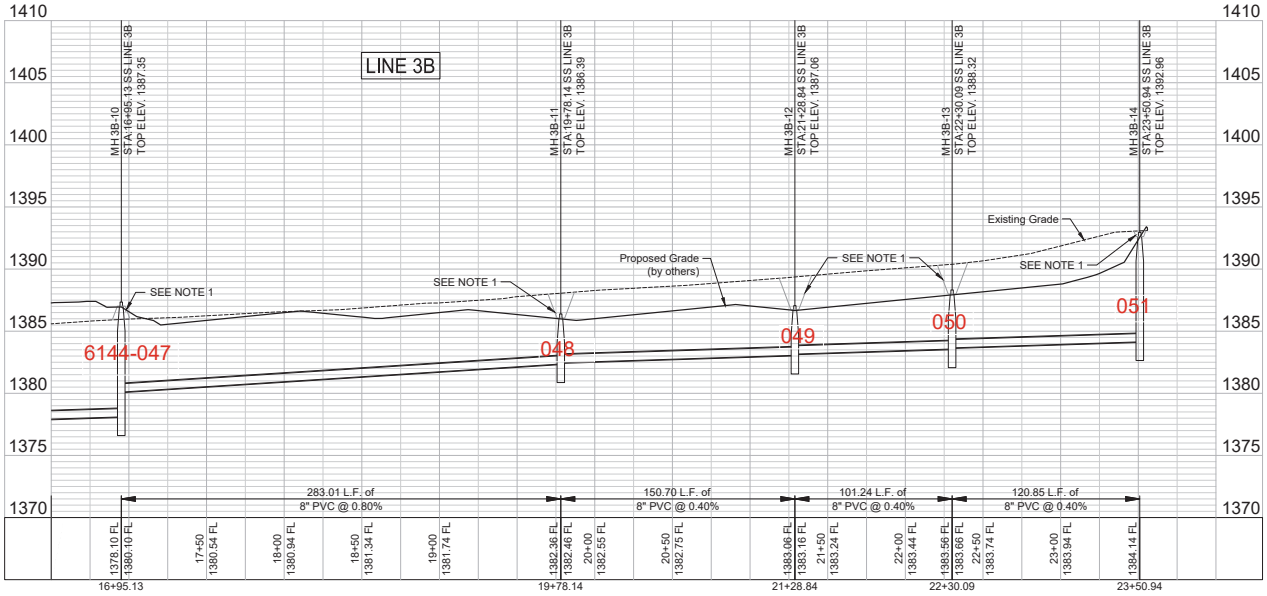
File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 3B-2.dwg Last Save: 8/22/2024 2:22 PM Last saved by: DRSTAND.RICH
Last plotted by: Stanchich, Daryl R Plot Style: — Plot Scale: 1:2.5644 Plot Date: 8/19/2024 8:31 AM Xrefs used: None



NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.

0 20' 40' 80' 120'
(IN FEET)
VERTICAL



RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

GARVER
1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

EJG 8/22/24

REV	DATE	DESCRIPTION	BY

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 3B
(3 of 3)

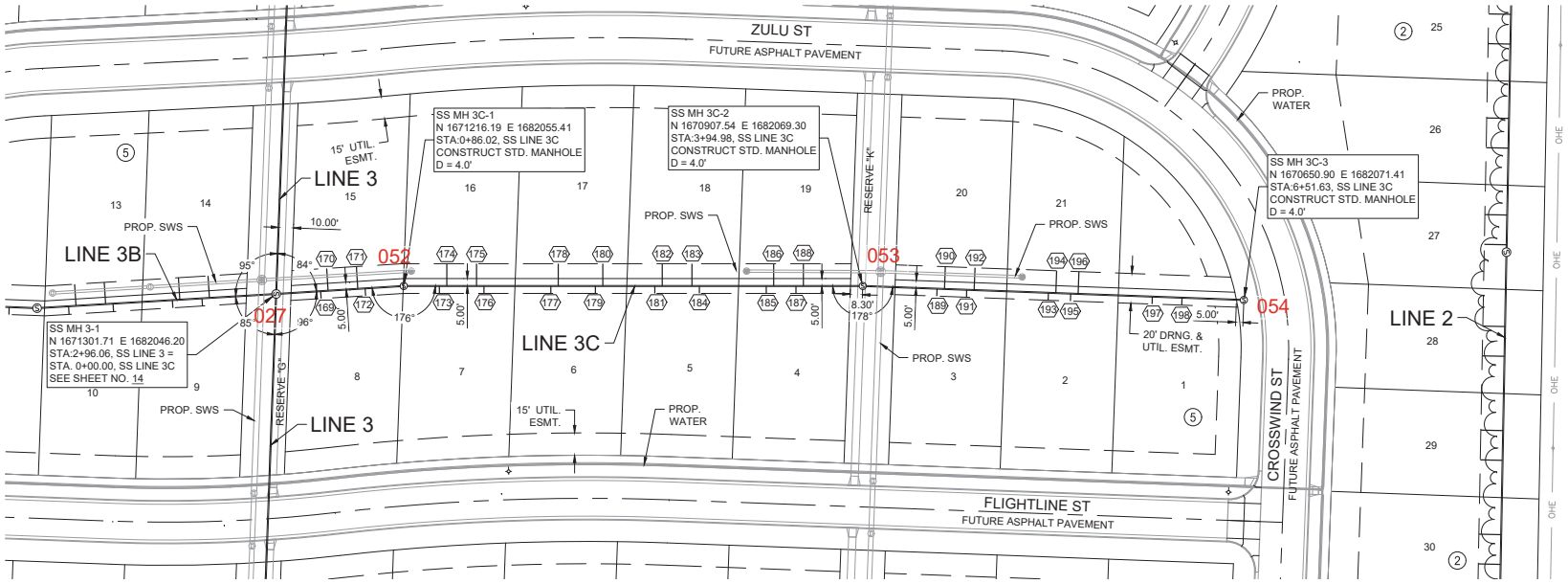
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

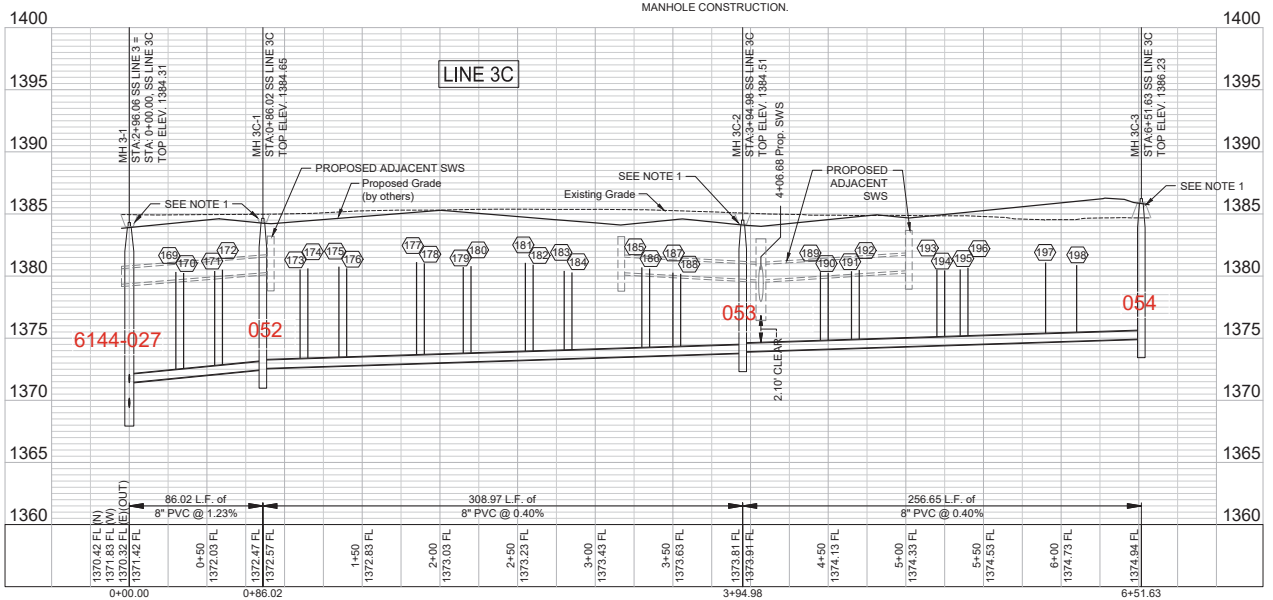
SHEET NUMBER 19 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 3B-3.dwg Last Save: 8/22/2024 2:26 PM Last saved by: DRSTAND.RICH
Last plotted by: Stanchich, Daryl R. Plot Style: — Plot Scale: 1:2.5644 Plot Date: 8/19/2024 8:31 AM Plotter used: None



NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.



RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV | DATE | DESCRIPTION | BY

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 3C

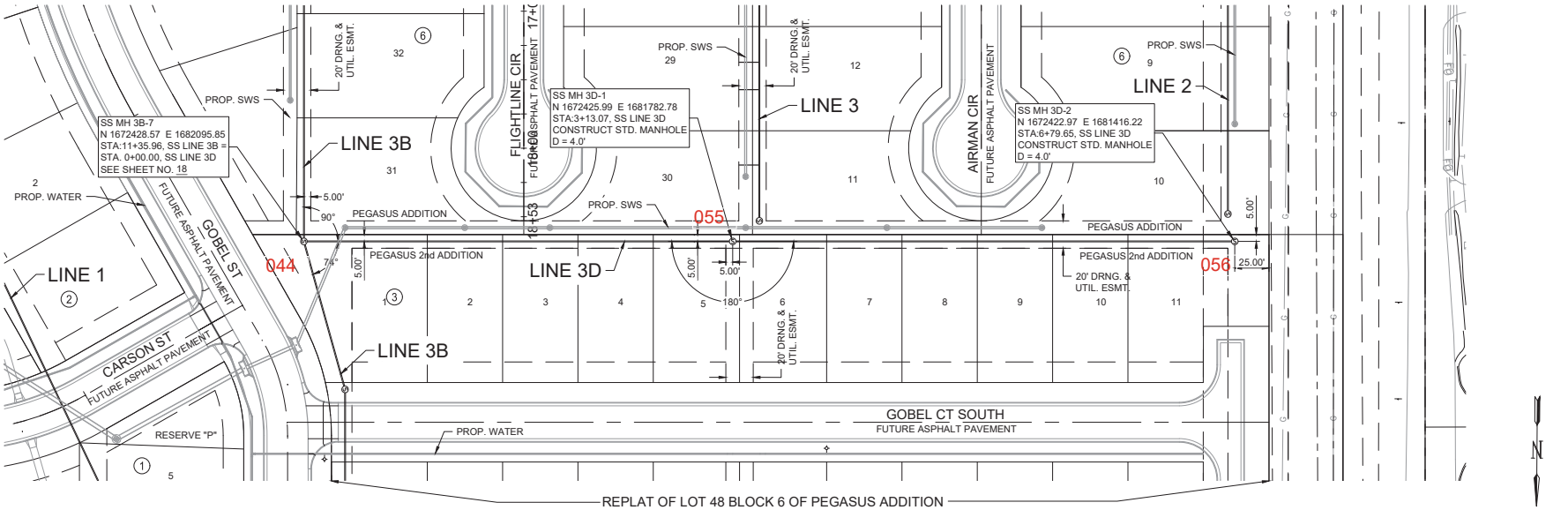
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 20 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 3C.dwg Last Save: 8/19/2024 8:04 AM Last saved by: DRSandrich
Last plotted by: Sandrich, Daryl R Plot Style: — Plot Scale: 1:2.564P Plot Date: 8/19/2024 8:32 AM Plotter used: None

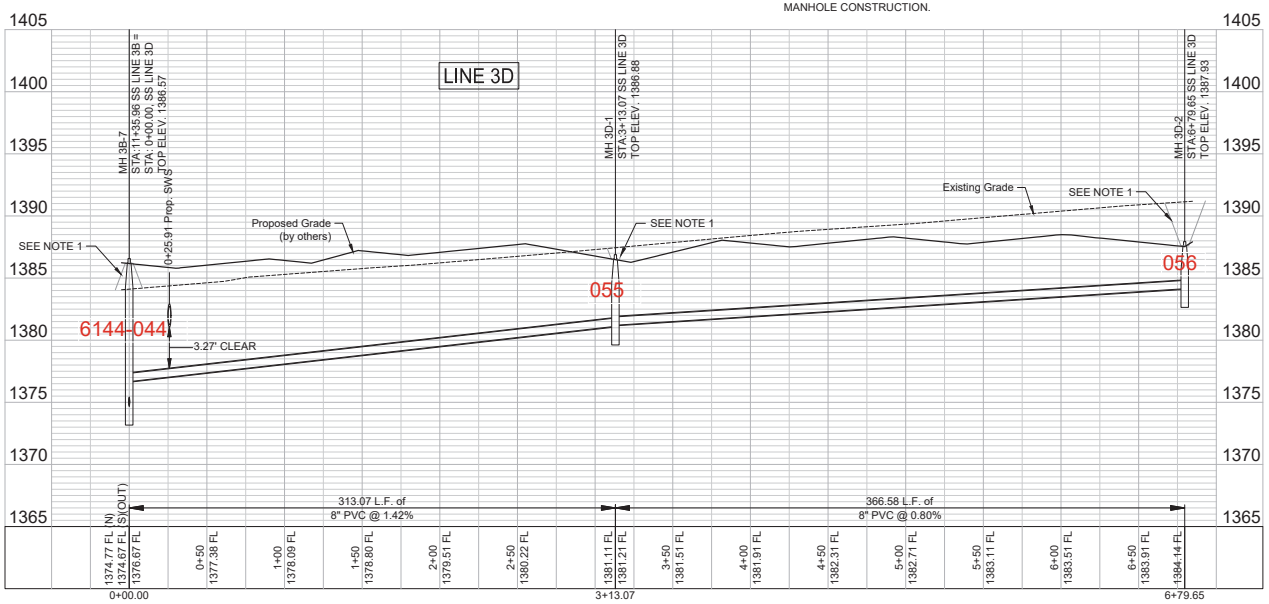


NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.

0 20' 40' 80' 120' (IN FEET)

VERTICAL 0 5



RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 3D

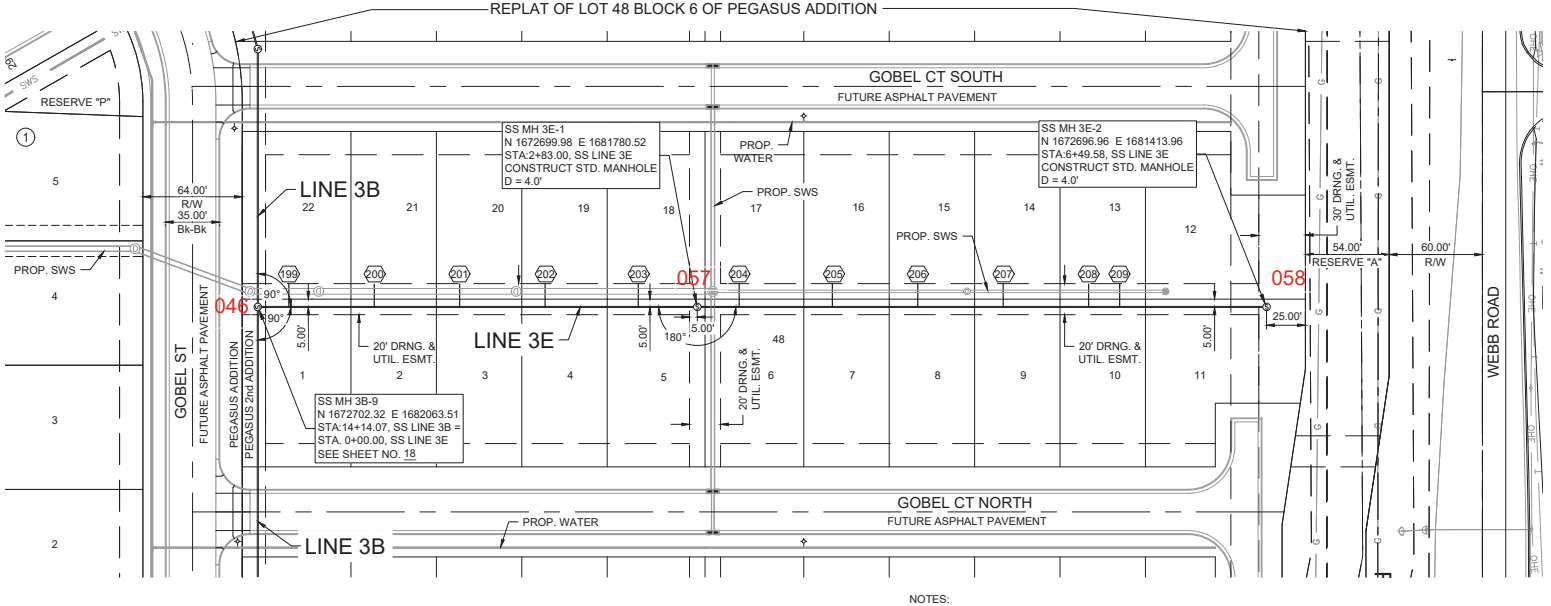
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

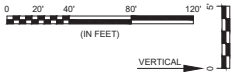
SHEET NUMBER 21 OF 36

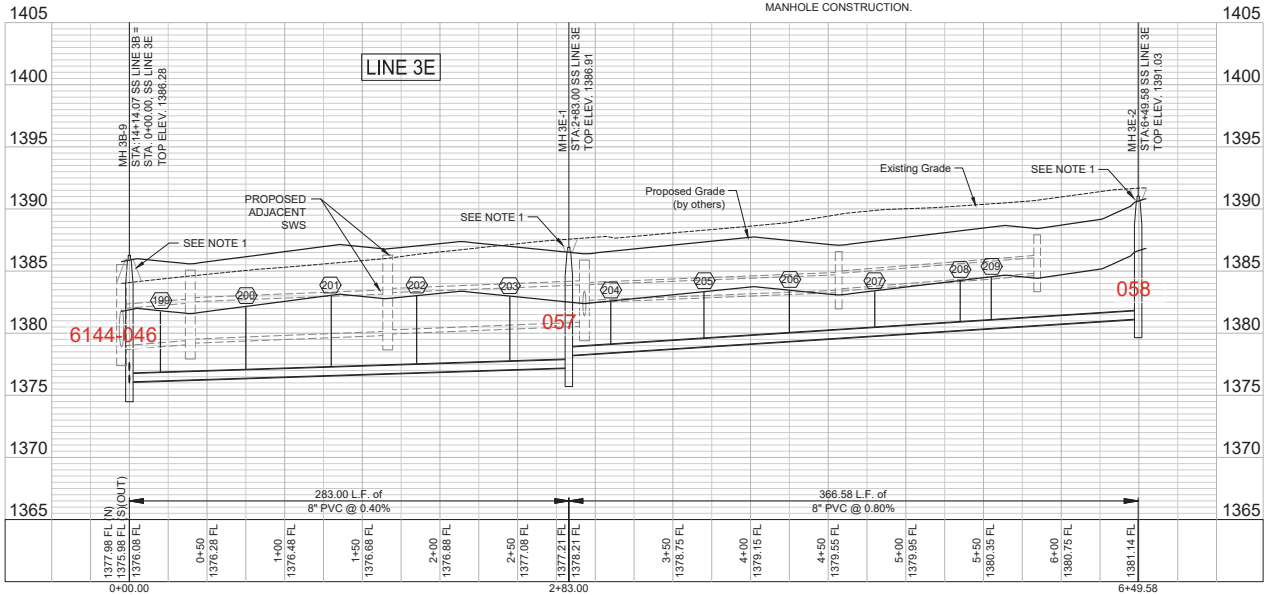
File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 3D.dwg Last Save: 8/19/2024 8:06 AM Last saved by: DRSlandrich
Last plotted by: Slandrich, Daryl R. Plot Style: — Plot Scale: 1:2.5644 Plot Date: 8/19/2024 8:33 AM Plotter used: None



NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.





RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Starеck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

GARVER

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY

WICHITA

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 3E

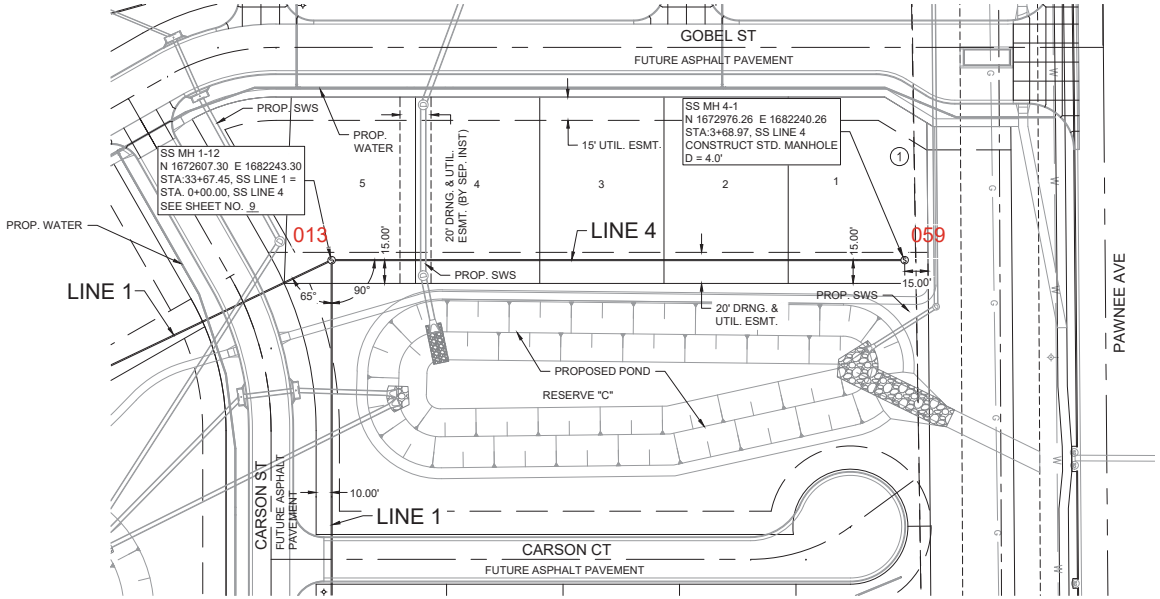
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

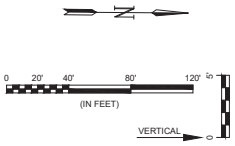
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

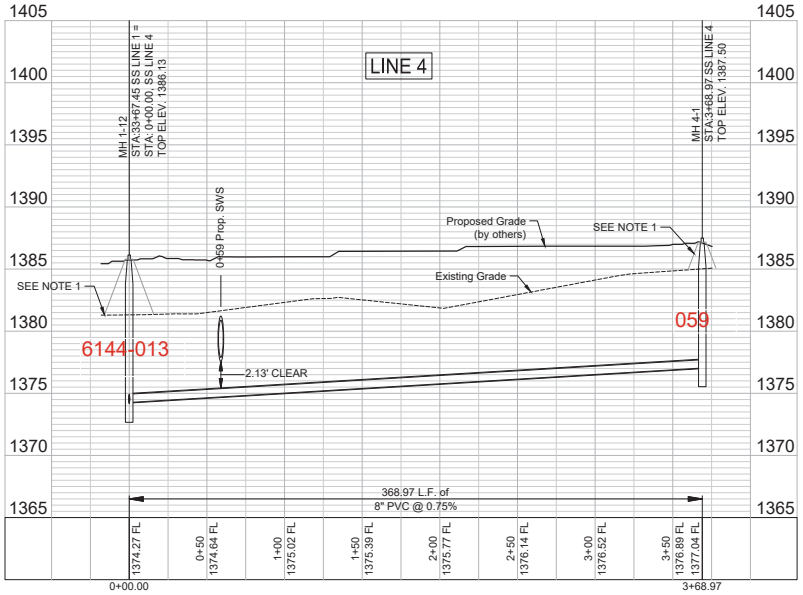
DRAWING NUMBER

SHEET NUMBER 22 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 3E.dwg Last Save: 8/19/2024 8:09 AM Last saved by: DRSlandrich
Last plotted by: Slandrich, Daryl R Plot Style: — Plot Scale: 1:2.564P Plot Date: 8/19/2024 8:33 AM Plotter used: None

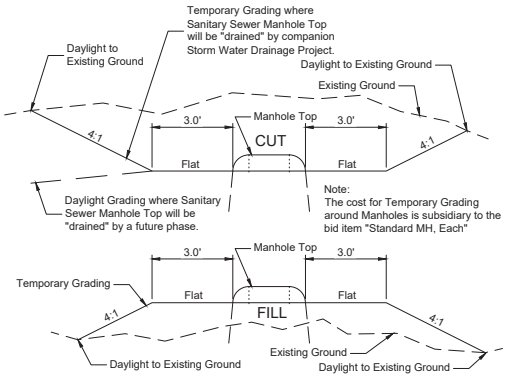






NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.



TYPICAL SECTION FOR TEMPORARY GRADING AROUND MANHOLES

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 4

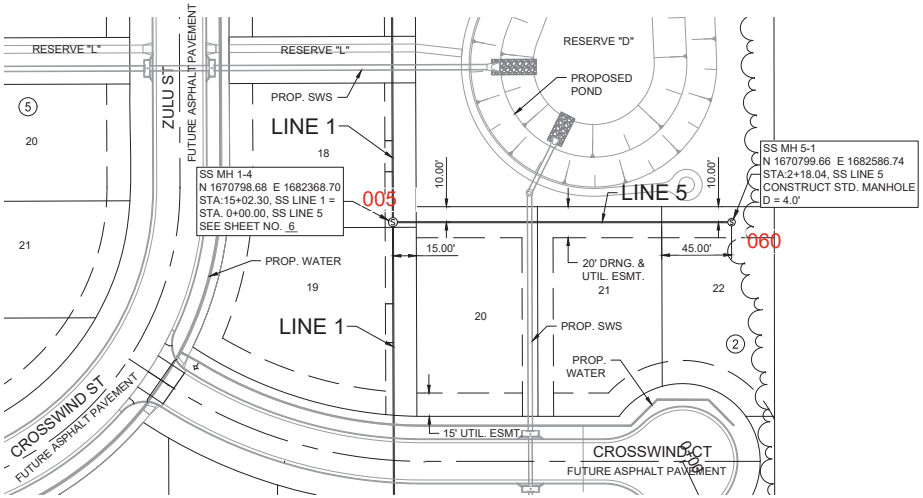
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

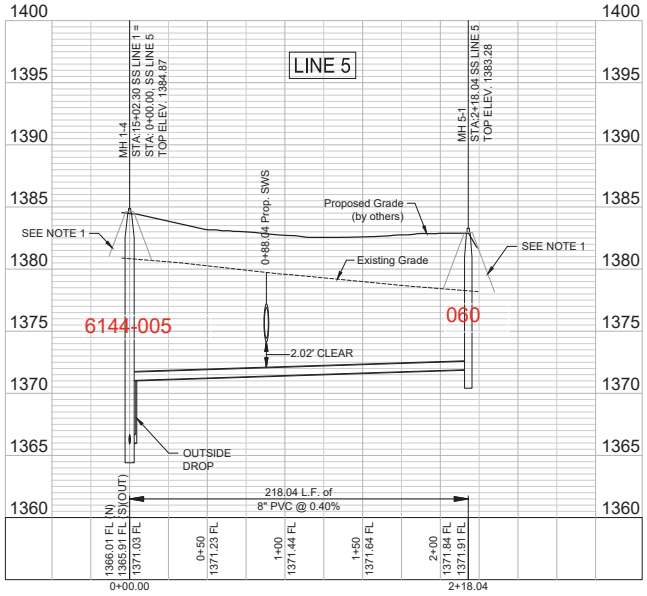
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 23 OF 36

File: L:\2024\T41\2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 4.dwg Last Save: 8/19/2024 8:11 AM Last saved by: DRSandrich
Last plotted by: Sandrich, Daryl R Plot Style: — Plot Scale: 1:2.5644 Plot Date: 8/19/2024 8:34 AM Plotter used: None





NOTES:

1. CONTRACTOR TO RESTORE GRADE TO EXISTING WITH THE EXCEPTION FOR GRADE NEAR MANHOLES. CONTRACTOR TO GRADE 5' DIAMETER AROUND EACH MANHOLE TO FUTURE GRADE AND THEN MATCH TO EXISTING GRADE AT A 3:1 SLOPE. TEMPORARY GRADING AROUND MANHOLES SUBSIDIARY TO MANHOLE CONSTRUCTION.

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

GARVER
© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY

WICHITA

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS LINE 5

JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 24 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS LINE 5.dwg Last Save: 8/19/2024 8:16 AM Last saved by: DRSandrich
Last plotted by: Sandrich, Daryl R Plot Style: — Plot Scale: 1:2.5644 Plot Date: 8/19/2024 8:34 AM Plotter used: None

SEWER SERVICE RISER TABLE

NO.	TYPE	SERVING			STATION/ DIRECTION	FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.		APPROXIMATE LENGTH 4" PIPE	
						VERTICAL	HORIZONTAL
1	8"x4" TEE	19	2	1	14+25 / Lt.	12.1	5.0
2	8"x4" TEE	19	2	1	14+50 / Lt.	12.0	5.0
3	8"x4" TEE	18	2	1	15+35 / Lt.	11.4	5.0
4	8"x4" TEE	18	2	1	15+55 / Lt.	11.3	5.0
5	8"x4" TEE	17	2	1	16+45 / Lt.	11.2	5.0
6	8"x4" TEE	17	2	1	16+65 / Lt.	11.1	5.0
7	8"x4" TEE	16	2	1	17+25 / Lt.	10.8	5.0
8	8"x4" TEE	16	2	1	17+45 / Lt.	10.6	5.0
9	8"x4" TEE	15	2	1	18+00 / Lt.	10.0	5.0
10	8"x4" TEE	15	2	1	18+20 / Lt.	9.9	5.0
11	8"x4" TEE	14	2	1	18+75 / Lt.	9.7	5.0
12	8"x4" TEE	14	2	1	19+00 / Lt.	9.5	5.0
13	8"x4" TEE	13	2	1	19+50 / Lt.	9.5	5.0
14	8"x4" TEE	13	2	1	19+70 / Lt.	9.6	5.0
15	8"x4" TEE	12	2	1	20+60 / Lt.	10.4	10.0
16	8"x4" TEE	12	2	1	20+80 / Lt.	10.3	9.7
17	8"x4" TEE	11	2	1	21+40 / Lt.	10.2	8.7
18	8"x4" TEE	11	2	1	21+60 / Lt.	10.1	8.4
19	8"x4" TEE	10	2	1	22+15 / Lt.	9.6	7.5
20	8"x4" TEE	10	2	1	22+35 / Lt.	9.6	7.2
21	8"x4" TEE	9	2	1	22+90 / Lt.	9.3	6.3
22	8"x4" TEE	9	2	1	23+10 / Lt.	9.3	6.0
23	8"x4" TEE	8	2	1	23+75 / Lt.	9.3	5.0
24	8"x4" TEE	8	2	1	23+95 / Lt.	9.1	5.0
25	8"x4" TEE	7	2	1	24+50 / Lt.	8.9	5.0
26	8"x4" TEE	7	2	1	24+70 / Lt.	8.8	5.0
27	8"x4" TEE	6	2	1	25+25 / Lt.	8.8	5.0
28	8"x4" TEE	6	2	1	25+45 / Lt.	8.7	5.0
29	8"x4" TEE	5	2	1	26+00 / Lt.	8.6	5.0
30	8"x4" TEE	5	2	1	26+20 / Lt.	8.5	5.0
31	8"x4" TEE	23	2	2	0+65 / Rt.	10.0	15.0
32	8"x4" TEE	23	2	2	0+85 / Rt.	10.1	15.0
33	8"x4" TEE	24	2	2	1+35 / Rt.	10.5	15.0
34	8"x4" TEE	24	2	2	1+55 / Rt.	10.6	15.0
35	8"x4" TEE	25	2	2	2+10 / Rt.	11.0	15.0
36	8"x4" TEE	25	2	2	2+30 / Rt.	11.1	15.0
37	8"x4" TEE	26	2	2	2+80 / Rt.	11.5	15.0
38	8"x4" TEE	26	2	2	3+00 / Rt.	11.6	15.0
39	8"x4" TEE	27	2	2	3+45 / Rt.	11.3	15.0
40	8"x4" TEE	27	2	2	3+65 / Rt.	10.9	15.0
41	8"x4" TEE	28	2	2	4+20 / Rt.	11.4	15.0
42	8"x4" TEE	28	2	2	4+40 / Rt.	11.6	15.0
43	8"x4" TEE	29	2	2	4+90 / Rt.	12.2	15.0
44	8"x4" TEE	29	2	2	5+10 / Rt.	12.4	15.0
45	8"x4" TEE	30	2	2	5+60 / Rt.	12.8	15.0
46	8"x4" TEE	30	2	2	5+80 / Rt.	12.4	15.0
47	8"x4" TEE	31	2	2	6+30 / Rt.	11.5	15.0
48	8"x4" TEE	31	2	2	6+50 / Rt.	11.5	15.0
49	8"x4" TEE	32	2	2	6+95 / Rt.	12.0	15.0
50	8"x4" TEE	32	2	2	7+15 / Rt.	12.2	15.0
51	8"x4" TEE	33	2	2	7+70 / Rt.	12.8	15.0
52	8"x4" TEE	33	2	2	7+90 / Rt.	12.8	15.0
53	8"x4" TEE	34	2	2	8+40 / Rt.	11.8	15.0
54	8"x4" TEE	34	2	2	8+60 / Rt.	11.4	15.0
55	8"x4" TEE	35	2	2	9+10 / Rt.	10.5	15.0
56	8"x4" TEE	35	2	2	9+30 / Rt.	10.1	15.0
57	8"x4" TEE	36	2	2	9+85 / Rt.	9.1	15.0
58	8"x4" TEE	36	2	2	10+05 / Rt.	9.2	15.0
59	8"x4" TEE	1	3	2	12+75 / Rt.	9.0	5.0
60	8"x4" TEE	1	3	2	12+95 / Rt.	8.6	5.0
61	8"x4" TEE	2	3	2	13+50 / Rt.	8.7	5.0
62	8"x4" TEE	2	3	2	13+70 / Rt.	9.0	5.0
63	8"x4" TEE	3	3	2	14+25 / Rt.	8.7	5.0
64	8"x4" TEE	3	3	2	14+45 / Rt.	8.3	5.0
65	8"x4" TEE	4	3	2	15+05 / Rt.	7.9	5.0
66	8"x4" TEE	4	3	2	15+25 / Rt.	8.2	5.0
67	8"x4" TEE	5	3	2	15+75 / Rt.	8.1	5.0
68	8"x4" TEE	5	3	2	15+95 / Rt.	7.8	5.0
69	8"x4" TEE	6	3	2	16+55 / Rt.	7.7	5.0
70	8"x4" TEE	6	3	2	16+75 / Rt.	8.1	5.0
71	8"x4" TEE	7	3	2	~~16+05~~ / Rt.	7.8	5.0
72	8"x4" TEE	7	3	2	~~17+15~~ / Rt.	7.3	5.0
73	8"x4" TEE	14	4	3	6+45 / Rt.	8.2	15.0
74	8"x4" TEE	9	4	3	6+50 / Lt.	8.1	5.0
75	8"x4" TEE	14	4	3	6+70 / Rt.	8.3	15.0
76	8"x4" TEE	9	4	3	6+75 / Lt.	8.4	5.0
77	8"x4" TEE	10	4	3	7+20 / Lt.	8.4	5.0
78	8"x4" TEE	13	4	3	7+25 / Rt.	8.3	15.0
79	8"x4" TEE	10	4	3	7+45 / Lt.	8.2	5.0
80	8"x4" TEE	13	4	3	7+50 / Rt.	8.3	15.0
81	8"x4" TEE	11	4	3	8+00 / Lt.	8.1	5.0
82	8"x4" TEE	12	4	3	8+05 / Rt.	8.0	15.0
83	8"x4" TEE	11	4	3	8+25 / Lt.	7.8	5.0
84	8"x4" TEE	12	4	3	8+35 / Rt.	8.0	15.0
85	8"x4" TEE	20	6	3	9+75 / Lt.	7.2	5.0
86	8"x4" TEE	21	6	3	9+80 / Rt.	7.0	15.0
87	8"x4" TEE	21	6	3	10+05 / Rt.	6.9	15.0
88	8"x4" TEE	20	6	3	10+10 / Lt.	6.9	5.0

SEWER SERVICE RISER TABLE

NO.	TYPE	SERVING			STATION/ DIRECTION	FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.		APPROXIMATE LENGTH 4" PIPE	
						VERTICAL	HORIZONTAL
89	8"x4" TEE	19	6	3	10+70 / Lt.	6.3	5.0
90	8"x4" TEE	22	6	3	10+75 / Rt.	6.4	15.0
91	8"x4" TEE	19	6	3	10+90 / Lt.	6.5	5.0
92	8"x4" TEE	22	6	3	10+95 / Rt.	6.6	15.0
93	8"x4" TEE	23	6	3	11+45 / Rt.	5.6	15.0
94	8"x4" TEE	23	6	3	11+65 / Rt.	5.5	15.0
95	8"x4" TEE	24	6	3	12+25 / Rt.	4.8	15.0
96	8"x4" TEE	24	6	3	12+45 / Rt.	4.7	15.0
97	8"x4" TEE	25	6	3	12+95 / Rt.	4.5	15.0
98	8"x4" TEE	25	6	3	13+15 / Rt.	4.3	15.0
99	8"x4" TEE	26	6	3	13+85 / Rt.	4.3	15.0
100	8"x4" TEE	26	6	3	14+00 / Rt.	4.3	15.0
101	8"x4" TEE	27	6	3	14+50 / Rt.	3.8	15.0
102	8"x4" TEE	27	6	3	14+70 / Rt.	3.8	15.0
103	8"x4" TEE	28	6	3	15+30 / Rt.	3.5	15.0
104	8"x4" TEE	28	6	3	15+50 / Rt.	3.7	15.0
105	8"x4" TEE	29	6	3	16+00 / Rt.	3.6	15.0
106	8"x4" TEE	29	6	3	16+20 / Rt.	3.3	15.0
107	8"x4" TEE	30	6	3	16+75 / Rt.	3.2	15.0
108	8"x4" TEE	8	4	3A	0+30 / Rt.	6.3	5.0
109	8"x4" TEE	15	4	3A	0+35 / Lt.	6.2	15.0
110	8"x4" TEE	15	4	3A	0+55 / Lt.	6.2	15.0
111	8"x4" TEE	8	4	3A	0+60 / Rt.	6.3	5.0
112	8"x4" TEE	7	4	3A	1+05 / Rt.	6.1	5.0
113	8"x4" TEE	16	4	3A	1+10 / Lt.	6.0	15.0
114	8"x4" TEE	16	4	3A	1+30 / Lt.	6.1	15.0
115	8"x4" TEE	7	4	3A	1+35 / Rt.	6.2	5.0
116	8"x4" TEE	6	4	3A	1+90 / Rt.	6.1	5.0
117	8"x4" TEE	17	4	3A	1+95 / Lt.	6.3	15.0
118	8"x4" TEE	17	4	3A	2+10 / Lt.	6.5	15.0
119	8"x4" TEE	6	4	3A	2+15 / Rt.	6.6	5.0
120	8"x4" TEE	5	4	3A	2+60 / Rt.	5.9	5.0
121	8"x4" TEE	18	4	3A	2+65 / Lt.	5.9	15.0
122	8"x4" TEE	5	4	3A	2+80 / Rt.	5.3	5.0
123	8"x4" TEE	18	4	3A	2+85 / Lt.	5.1	15.0
124	8"x4" TEE	4	4	3A	3+35 / Rt.	4.8	5.0
125	8"x4" TEE	19	4	3A	3+40 / Lt.	4.6	15.0
126	8"x4" TEE	19	4	3A	3+60 / Lt.	4.5	15.0
127	8"x4" TEE	4	4	3A	3+65 / Rt.	4.5	5.0
128	8"x4" TEE	20	4	3A	4+40 / Lt.	4.1	15.0
129	8"x4" TEE	20	4	3A	4+60 / Lt.	4.0	15.0
130	8"x4" TEE	21	4	3A	5+20 / Lt.	4.1	15.0
131	8"x4" TEE	21	4	3A	5+40 / Lt.	4.2	15.0
132	8"x4" TEE	22	4	3A	5+95 / Lt.	4.4	15.0
133	8"x4" TEE	14	5	3B	0+45 / Rt.	10.0	15.0
134	8"x4" TEE	9	5	3B	0+50 / Lt.	9.9	5.0
135	8"x4" TEE	14	5	3B	0+65 / Rt.	10.0	15.0
136	8"x4" TEE	9	5	3B	0+70 / Lt.	10.1	5.0
137	8"x4" TEE	10	5	3B	1+10 / Lt.	9.9	5.0
138	8"x4" TEE	13	5	3B	1+15 / Rt.	10.0	15.0
139	8"x4" TEE	13	5	3B	1+35 / Rt.	10.2	15.0
140	8"x4" TEE	10	5	3B	1+40 / Lt.	10.1	5.0
141	8"x4" TEE	11	5	3B	1+80 / Lt.	10.5	5.0
142	8"x4" TEE	12	5	3B	1+85 / Rt.	10.4	15.0
143	8"x4" TEE	11	5	3B	2+05 / Lt.	10.2	5.0
144	8"x4" TEE	12	5	3B	2+10 / Rt.	10.3	15.0
145	8"x4" TEE	40	6	3B	3+45 / Lt.	9.1	5.0
146	8"x4" TEE	40	6	3B	3+75 / Lt.	9.1	5.0
147	8"x4" TEE	39	6	3B	4+20 / Lt.	8.5	5.0
148	8"x4" TEE	41	6	3B	4+26 / Rt.	8.5	15.0
149	8"x4" TEE	39	6	3B	4+45 / Lt.	8.5	5.0
150	8"x4" TEE	41	6	3B	4+50 / Rt.	8.3	15.0
151	8"x4" TEE	42	6	3B	5+00 / Rt.	8.0	15.0
152	8"x4" TEE	38	6	3B	5+05 / Lt.	8.0	5.0
153	8"x4" TEE	42	6	3B	5+20 / Rt.	7.8	15.0
154	8"x4" TEE	38	6	3B	5+30 / Lt.	7.6	5.0
155	8"x4" TEE	43	6	3B	5+85 / Rt.	7.7	15.0
156	8"x4" TEE	37	6	3B	5+90 / Lt.	7.5	5.0
157	8"x4" TEE	37	6	3B	6+15 / Lt.	7.4	5.0
158	8"x4" TEE	43	6	3B	6+20 / Rt.	7.5	15.0
159	8"x4" TEE	44	6	3B	6+60 / Rt.	7.2	15.0
160	8"x4" TEE	36	6	3B	6+75 / Lt.	7.1	5.0
161	8"x4" TEE	44	6	3B	6+85 / Rt.	7.2	15.0
162	8"x4" TEE	36	6	3B	6+95 / Lt.	7.3	5.0
163	8"x4" TEE	45	6	3B	7+60 / Rt.	6.7	15.0
164	8"x4" TEE	45	6	3B	7+90 / Rt.	6.8	15.0
165	8"x4" TEE	46	6	3B	8+40 / Rt.	6.6	15.0
166	8"x4" TEE	46	6	3B	8+65 / Rt.	6.8	15.0
167	8"x4" TEE	47	6	3B	9+20 / Rt.	6.8	15.0
168	8"x4" TEE	47	6	3B	9+45 / Rt.	7.0	15.0
169	8"x4" TEE	8	5	3C	0+30 / Rt.	7.8	5.0
170	8"x4" TEE	15	5	3C	0+35 / Lt.	7.7	15.0
171	8"x4" TEE	15	5	3C	0+55 / Lt.	7.3	15.0
172	8"x4" TEE	8	5	3C	0+60 / Rt.	7.6	5.0
173	8"x4" TEE	7	5	3C	1+10 / Rt.	7.1	5.0
174	8"x4" TEE	16	5	3C	1+15 / Lt.	7.2	15.0
175	8"x4" TEE	16	5	3C	1+35 / Lt.	7.3	15.0
176	8"x4" TEE	7	5	3C	1+40 / Rt.	7.1	5.0

SEWER SERVICE RISER TABLE

NO.	TYPE	SERVING			STATION/ DIRECTION	FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.		APPROXIMATE LENGTH 4" PIPE	
						VERTICAL	HORIZONTAL
177	8"x4" TEE	6	5	3C	1+85 / Rt.	7.4	5.0
178	8"x4" TEE	17	5	3C	1+90 / Lt.	7.3	15.0
179	8"x4" TEE	6	5	3C	2+15 / Rt.	6.9	5.0
180	8"x4" TEE	17	5	3C	2+20 / Lt.	7.0	15.0
181	8"x4" TEE	5	5	3C	2+55 / Rt.	7.1	5.0
182	8"x4" TEE	18	5	3C	2+60 / Lt.	6.9	15.0
183	8"x4" TEE	18	5	3C	2+80 / Lt.	6.3	15.0
184	8"x4" TEE	5	5	3C	2+85 / Rt.	6.2	5.0
185	8"x4" TEE	4	5	3C	3+30 / Rt.	6.4	5.0
186	8"x4" TEE	19	5	3C	3+35 / Lt.	6.3	15.0
187	8"x4" TEE	4	5	3C	3+50 / Rt.	5.9	5.0
188	8"x4" TEE	19	5	3C	3+55 / Lt.	5.8	15.0
189	8"x4" TEE	3	5	3C	4+45 / Rt.	5.5	5.0
190	8"x4" TEE	20	5	3C	4+50 / Lt.	5.4	15.0
191	8"x4" TEE	3	5	3C	4+65 / Rt.	5.5	5.0
192	8"x4" TEE	20	5	3C	4+70 / Lt.	5.6	15.0
193	8"x4" TEE	2	5	3C	5+20 / Rt.	5.4	5.0
194	8"x4" TEE	21	5	3C	5+25 / Lt.	5.3	15.0
195	8"x4" TEE	2	5	3C	5+35 / Rt.	5.3	5.0
196	8"x4" TEE	21	5	3C	5+40 / Lt.	5.5	15.0
197	8"x4" TEE	1	5	3C	5+90 / Rt.	5.7	5.0
198	8"x4" TEE	1	5	3C	6+10 / Rt.	5.4	5.0
199	8"x4" TEE	22	2	3E	0+20 / Lt.	4.9	15.0
200	8"x4" TEE	21	2	3E	0+75 / Lt.	5.0	15.0
201	8"x4" TEE	20	2	3E	1+30 / Lt.	5.7	15.0
202	8"x4" TEE	19	2	3E	1+85 / Lt.	5.5	15.0
203	8"x4" TEE	18	2	3E	2+45 / Lt.	5.2	15.0
204	8"x4" TEE	17	2	3E	3+10 / Lt.	3.5	15.0
205	8"x4" TEE	16	2	3E	3+70 / Lt.	3.7	15.0
206	8"x4" TEE	15	2	3E	4+25 / Lt.	3.4	15.0
207	8"x4" TEE	14	2	3E	4+80 / Lt.	2.9	15.0
208	8"x4" TEE	13	2	3E	5+35 / Lt.	3.3	15.0
209	8"x4" TEE	13	2	3E	5+55 / Lt.	3.4	15.0

Service Riser #71: 17+29.
Service Riser #72: 17+49

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS RISER TABLES

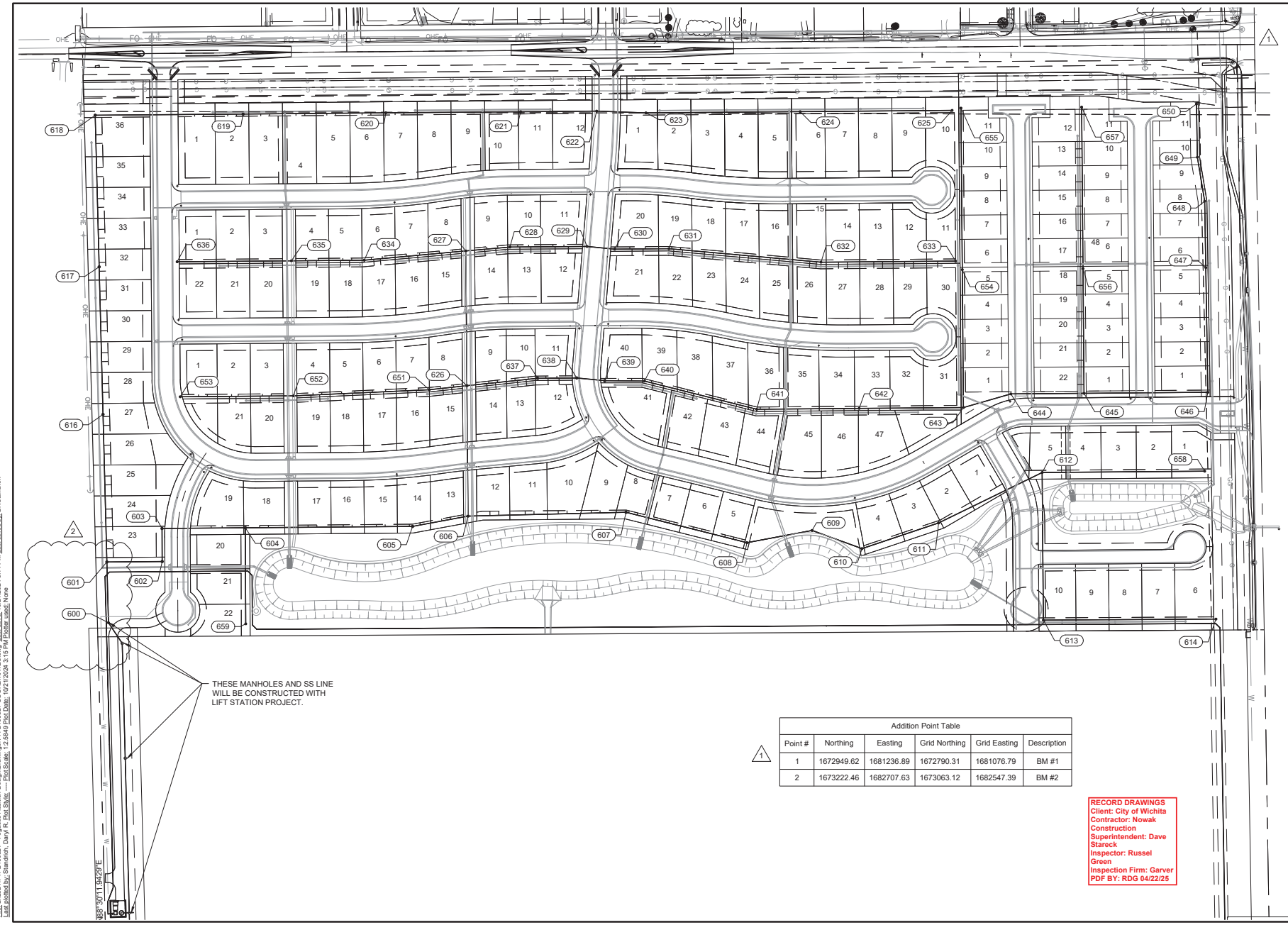
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 25 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\SS RISER TABLES.dwg Last Save: 9/12/2024 4:03 PM Last saved by: DRStandrich
Last plotted by: Standrich - Daryl R Plot Style: — Plot Scale: 1:2.465 Plot Date: 9/19/2024 6:34 AM Active Layer: None



Addition Point Table					
Point #	Northing	Easting	Grid Northing	Grid Easting	Description
1	1672949.62	1681236.89	1672790.31	1681076.79	BM #1
2	1673222.46	1682707.63	1673063.12	1682547.39	BM #2

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

GARVER
© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY
1	10/16/2024	Add coordinates to Benchmarks and Point Numbers	DRS
2	10/21/2024	MOVE POINT NUMBERS 600-601 DELETE POINT NUMBER 615	DRS

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS COORDS

JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 26 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings\T41-2400521-COORDINATES.dwg Last Save: 10/21/2024 3:14 PM Last saved by: DRStandrich
Last plotted by: Standrich, Daryl R Plot Style: — Plot Scale: 1:2.0849 Plot Date: 10/21/2024 3:15 PM Plotter used: None

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings\T41-2400521-COORDINATES.dwg Last Save: 10/21/2024 3:14 PM Last saved by: DRStandrich
Last plotted by: Standrich, Daryl R Plot Style: -- Plot Scale: 1:2.0849 Plot Date: 10/21/2024 3:17 PM Plotter used: None

1

Sanitary Sewer Point Table					
Point #	Northing	Easting	Grid Northing	Grid Easting	Description
600	1670488.11	1682584.09	1670329.03	1682423.85	CONNECT TO FORCE MAIN PROJECT
601	1670484.51	1682446.36	1670325.43	1682286.14	MH 1-1
602	1670610.02	1682445.32	1670450.93	1682285.11	MH 1-2
603	1670609.69	1682370.26	1670450.59	1682210.05	MH 1-3
604	1670798.68	1682368.70	1670639.57	1682208.49	MH 1-4
605	1671178.39	1682365.57	1671019.24	1682205.36	MH 1-5
606	1671304.15	1682342.24	1671145.00	1682182.03	MH 1-6
607	1671662.88	1682333.50	1671503.69	1682173.29	MH 1-7
608	1671937.36	1682402.48	1671778.14	1682242.26	MH 1-8
609	1672085.17	1682374.75	1671925.93	1682214.54	MH 1-9
610	1672198.46	1682415.99	1672039.22	1682255.77	MH 1-10
611	1672372.25	1682357.72	1672212.99	1682197.51	MH 1-11
612	1672607.30	1682243.30	1672448.02	1682083.10	MH 1-12
613	1672610.06	1682578.26	1672450.78	1682418.03	MH 1-13
614	1673001.87	1682575.87	1672842.55	1682415.64	MH 1-14
616	1670475.76	1682111.47	1670316.68	1681951.29	MH 2-2
617	1670467.01	1681776.59	1670307.93	1681616.43	MH 2-3
618	1670458.02	1681432.41	1670298.94	1681272.29	MH 2-4
619	1670793.71	1681429.65	1670634.60	1681269.52	MH 2-5

Sanitary Sewer Point Table					
Point #	Northing	Easting	Grid Northing	Grid Easting	Description
620	1671117.63	1681426.98	1670958.49	1681266.85	MH 2-6
621	1671423.62	1681424.45	1671264.45	1681264.33	MH 2-7
622	1671596.06	1681423.03	1671436.87	1681262.91	MH 2-8
623	1671708.04	1681427.11	1671548.84	1681266.99	MH 2-9
624	1672058.02	1681424.23	1671898.79	1681264.10	MH 2-10
625	1672403.01	1681421.38	1672243.75	1681261.26	MH 2-11
626	1671301.71	1682046.20	1671142.56	1681886.01	MH 3-1
627	1671299.19	1681740.32	1671140.04	1681580.16	MH 3-2
628	1671399.34	1681731.66	1671240.17	1681571.51	MH 3-3
629	1671574.39	1681730.22	1671415.20	1681570.07	MH 3-4
630	1671637.10	1681736.32	1671477.91	1681576.17	MH 3-5
631	1671760.08	1681735.31	1671600.88	1681575.15	MH 3-6
632	1672105.35	1681765.97	1671946.11	1681605.81	MH 3-7
633	1672410.83	1681763.45	1672251.57	1681603.29	MH 3-8
634	1671068.73	1681761.47	1670909.59	1681601.31	MH 3A-1
635	1670903.31	1681762.83	1670744.19	1681602.68	MH 3A-2
636	1670643.90	1681764.97	1670484.80	1681604.81	MH 3A-3
637	1671462.05	1682029.44	1671302.88	1681869.26	MH 3B-1
638	1671550.94	1682028.71	1671391.76	1681868.53	MH 3B-2
639	1671614.46	1682034.78	1671455.27	1681874.60	MH 3B-3

Sanitary Sewer Point Table					
Point #	Northing	Easting	Grid Northing	Grid Easting	Description
640	1671704.73	1682035.72	1671545.54	1681875.54	MH 3B-4
641	1671959.38	1682099.71	1671800.16	1681939.53	MH 3B-5
642	1672191.94	1682097.80	1672032.70	1681937.61	MH 3B-6
643	1672428.57	1682095.85	1672269.31	1681935.66	MH 3B-7
644	1672536.32	1682064.88	1672377.05	1681904.70	MH 3B-8
645	1672702.32	1682063.51	1672543.02	1681903.33	MH 3B-9
646	1672983.37	1682061.20	1672824.05	1681901.01	MH 3B-10
647	1672978.69	1681778.23	1672819.38	1681618.07	MH 3B-11
648	1672976.20	1681627.55	1672816.88	1681467.41	MH 3B-12
649	1672959.55	1681527.68	1672800.23	1681367.55	MH 3B-13
650	1672957.55	1681406.85	1672798.24	1681246.73	MH 3B-14
651	1671216.19	1682055.41	1671057.04	1681895.23	MH 3C-1
652	1670907.54	1682069.30	1670748.42	1681909.11	MH 3C-2
653	1670650.90	1682071.41	1670491.80	1681911.23	MH 3C-3
654	1672425.99	1681782.78	1672266.73	1681622.63	MH 3D-1
655	1672422.97	1681416.22	1672263.71	1681256.10	MH 3D-2
656	1672699.98	1681780.52	1672540.69	1681620.37	MH 3E-1
657	1672696.96	1681413.96	1672537.67	1681253.84	MH 3E-2
658	1672976.26	1682240.26	1672816.94	1682080.06	MH 4-1
659	1670799.66	1682586.74	1670640.55	1682426.51	MH 5-1

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

GARVER

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY
2	10/21/2024	MOVE POINT NUMBERS 600-601 DELETE POINT NUMBER 615	DRS

WICHITA

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

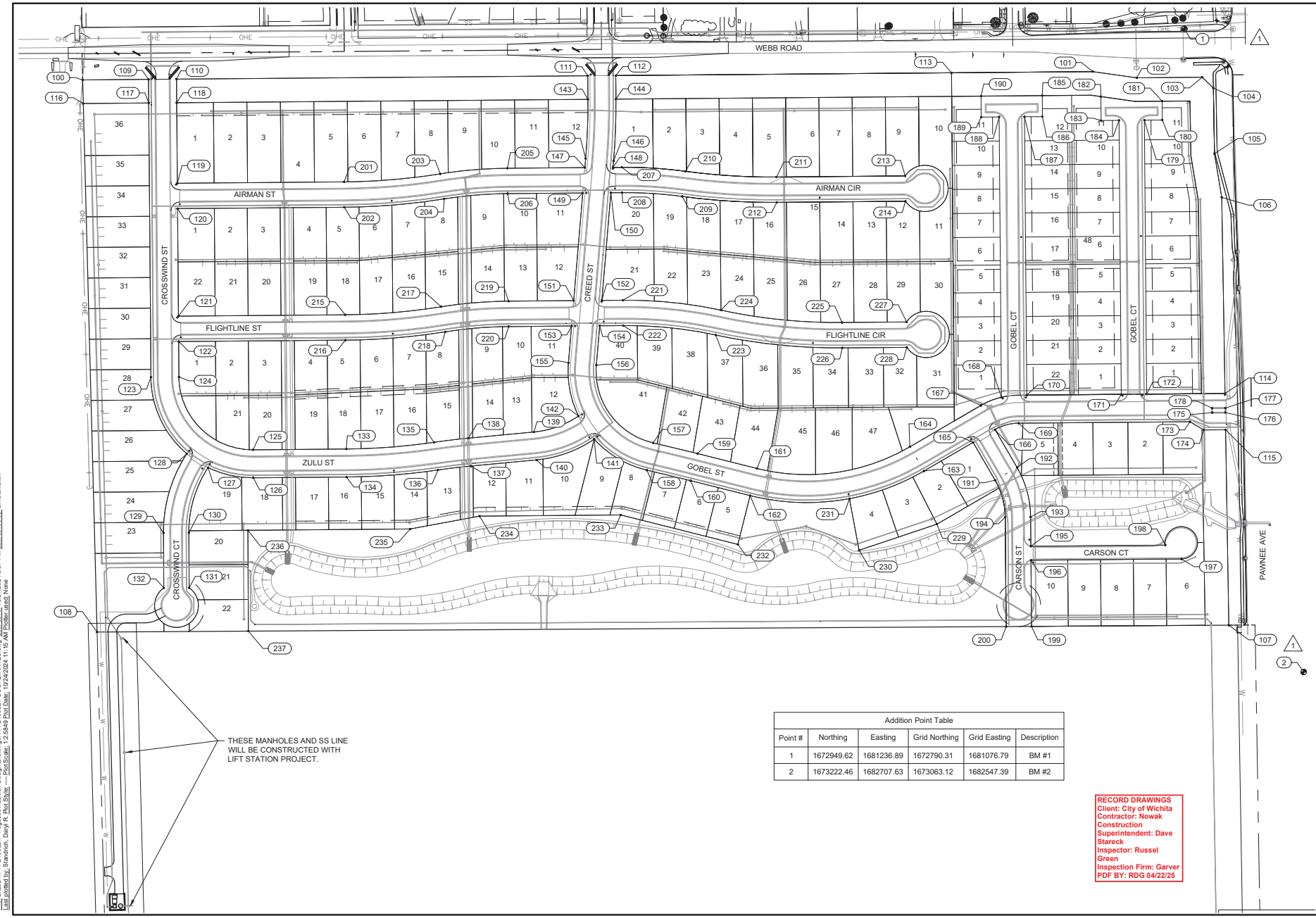
SS POINT TABLE

JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 27 OF 36



Addition Point Table					
Point #	Northing	Easting	Grid Northing	Grid Easting	Description
1	1672949.62	1681236.89	1672790.31	1681076.79	BM #1
2	1673222.46	1682707.63	1673063.12	1682547.39	BM #2

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

GARVER
© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY
1	10/16/2024	Add coordinates to Benchmarks and add Point Table	DRS

CITY OF WICHITA
WICHITA, KANSAS

WICHITA

PEGASUS ADDITION
SANITARY SEWER

SS COORDS

JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 27A OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings\T41-2400521-COORDINATES.dwg Last Save: 10/21/2024 3:37 PM Last saved by: DRStandrich
Last plotted by: Standrich, Daryl R Plot Style: -- Plot Scale: 1:2.0849 Plot Date: 10/24/2024 11:15 AM Xrefs used: None

Addition Point Table					
Point #	Northing	Easting	Grid Northing	Grid Easting	Description
100	1670430.95	1681353.63	1670271.88	1681193.52	ADDITION COR
101	1672740.33	1681334.60	1672581.03	1681174.48	ADDITION COR
102	1672840.59	1681348.77	1672681.29	1681188.66	ADDITION COR
103	1672990.59	1681347.54	1672831.27	1681187.42	ADDITION COR
104	1673015.99	1681372.33	1672856.67	1681212.21	ADDITION COR
105	1673018.47	1681522.31	1672859.15	1681362.18	ADDITION COR
106	1673035.12	1681622.18	1672875.80	1681462.04	ADDITION COR
107	1673051.29	1682600.57	1672891.97	1682440.34	ADDITION COR
108	1670463.94	1682616.30	1670304.86	1682456.07	ADDITION COR
109	1670581.50	1681352.39	1670422.41	1681192.28	RESERVE COR
110	1670645.50	1681351.87	1670486.40	1681191.75	RESERVE COR
111	1671585.62	1681344.12	1671426.43	1681184.00	RESERVE COR
112	1671649.62	1681343.59	1671490.42	1681183.47	RESERVE COR
113	1672417.32	1681337.26	1672258.06	1681177.15	RESERVE COR
114	1673042.54	1682070.71	1672883.21	1681910.53	RESERVE COR
115	1673043.91	1682153.70	1672884.58	1681993.51	RESERVE COR
116	1670432.36	1681407.62	1670273.29	1681247.50	BLOCK COR
117	1670581.94	1681406.39	1670422.85	1681246.27	BLOCK COR
118	1670645.94	1681405.86	1670486.84	1681245.74	BLOCK COR
119	1670647.46	1681589.93	1670488.36	1681429.80	BLOCK COR

Addition Point Table					
Point #	Northing	Easting	Grid Northing	Grid Easting	Description
120	1670647.94	1681647.93	1670488.84	1681487.79	BLOCK COR
121	1670649.96	1681893.91	1670490.87	1681733.75	BLOCK COR
122	1670650.44	1681951.91	1670491.34	1681791.74	BLOCK COR
123	1670587.01	1682033.44	1670427.92	1681873.26	PC
124	1670651.11	1682032.91	1670492.01	1681872.73	PC
125	1670820.49	1682199.52	1670661.38	1682039.32	PT
126	1670821.02	1682263.62	1670661.90	1682103.41	PT
127	1670717.73	1682240.20	1670558.62	1682080.00	BLOCK COR
128	1670669.13	1682208.54	1670510.04	1682048.34	BLOCK COR
129	1670615.77	1682389.64	1670456.68	1682229.42	PT
130	1670673.77	1682389.38	1670514.67	1682229.16	PT
131	1670674.34	1682515.05	1670515.24	1682354.82	BLOCK COR
132	1670616.34	1682515.31	1670457.24	1682355.08	BLOCK COR
133	1671033.66	1682197.76	1670874.53	1682037.57	PC
134	1671034.19	1682261.86	1670875.06	1682101.66	PC
135	1671233.99	1682182.36	1671074.84	1682022.17	PRC
136	1671243.26	1682245.79	1671084.11	1682085.58	PRC
137	1671318.60	1682236.65	1671159.44	1682076.45	PT
138	1671312.63	1682172.93	1671153.47	1682012.74	PT
139	1671462.67	1682158.86	1671303.50	1681998.66	PC

Addition Point Table					
Point #	Northing	Easting	Grid Northing	Grid Easting	Description
140	1671468.66	1682222.68	1671309.49	1682062.48	PC
141	1671600.44	1682175.43	1671441.26	1682015.23	BLOCK COR
142	1671564.57	1682122.30	1671405.39	1681962.12	BLOCK COR
143	1671585.96	1681398.12	1671426.78	1681238.00	BLOCK COR
144	1671650.06	1681397.59	1671490.87	1681237.47	BLOCK COR
145	1671580.83	1681533.45	1671421.65	1681373.32	PT
146	1671644.71	1681538.83	1671485.52	1681378.70	PT
147	1671579.19	1681554.18	1671420.00	1681394.04	BLOCK COR
148	1671643.46	1681553.65	1671484.27	1681393.51	BLOCK COR
149	1671574.19	1681612.32	1671415.00	1681452.18	BLOCK COR
150	1671638.57	1681611.69	1671479.38	1681451.55	BLOCK COR
151	1671553.55	1681858.39	1671394.37	1681698.22	BLOCK COR
152	1671617.83	1681857.86	1671458.64	1681697.69	BLOCK COR
153	1671548.66	1681916.43	1671389.48	1681756.26	BLOCK COR
154	1671612.94	1681915.90	1671453.75	1681755.73	BLOCK COR
155	1671541.58	1682000.46	1671382.40	1681840.29	PC
156	1671605.36	1682005.84	1671446.17	1681845.66	PC
157	1671735.20	1682183.69	1671576.00	1682023.49	PRC
158	1671720.89	1682246.07	1671561.70	1682085.87	PRC
159	1671836.46	1682208.02	1671677.25	1682047.82	PT

Addition Point Table					
Point #	Northing	Easting	Grid Northing	Grid Easting	Description
160	1671820.83	1682270.19	1671661.63	1682109.98	PT
161	1671972.48	1682242.20	1671813.26	1682082.00	PC
162	1671956.86	1682304.37	1671797.64	1682144.16	PC
163	1672354.35	1682248.10	1672195.09	1682087.90	PT
164	1672322.09	1682192.71	1672162.83	1682032.52	PT
165	1672466.65	1682182.58	1672307.38	1682022.38	BLOCK COR
166	1672516.77	1682153.39	1672357.49	1681993.19	BLOCK COR
167	1672484.55	1682098.08	1672325.28	1681937.90	PC
168	1672531.44	1682079.31	1672372.16	1681919.13	BLOCK COR
169	1672570.63	1682138.70	1672411.35	1681978.51	PT
170	1672589.40	1682074.45	1672430.12	1681914.26	BLOCK COR
171	1672805.39	1682072.66	1672646.09	1681912.48	BLOCK COR
172	1672863.39	1682072.19	1672704.09	1681912.00	BLOCK COR
173	1672962.63	1682135.37	1672803.31	1681975.18	BLOCK COR
174	1672993.82	1682154.11	1672834.50	1681993.92	BLOCK COR
175	1673013.43	1682114.45	1672854.10	1681954.26	RESERVE COR
176	1673043.42	1682114.20	1672884.10	1681954.02	RESERVE COR
177	1673043.34	1682104.20	1672884.02	1681944.02	RESERVE COR
178	1673013.34	1682104.45	1672854.02	1681944.27	RESERVE COR
179	1672858.23	1681445.63	1672698.92	1681285.51	BLOCK COR

Addition Point Table					
Point #	Northing	Easting	Grid Northing	Grid Easting	Description
180	1672899.23	1681445.29	1672739.92	1681285.17	BLOCK COR
181	1672898.87	1681402.29	1672739.56	1681242.17	BLOCK COR
182	1672758.78	1681391.74	1672599.48	1681231.62	BLOCK COR
183	1672759.23	1681446.45	1672599.93	1681286.32	BLOCK COR
184	1672800.23	1681446.11	1672640.93	1681285.98	BLOCK COR
185	1672624.76	1681389.52	1672465.47	1681229.40	BLOCK COR
186	1672625.15	1681437.59	1672465.87	1681277.47	BLOCK COR
187	1672584.15	1681437.89	1672424.87	1681277.77	BLOCK COR
188	1672526.16	1681438.37	1672366.88	1681278.24	BLOCK COR
189	1672485.16	1681438.62	1672325.89	1681278.49	BLOCK COR
190	1672484.76	1681390.71	1672325.49	1681230.59	BLOCK COR
191	1672516.98	1682268.99	1672357.70	1682108.79	PC
192	1672567.10	1682239.80	1672407.82	1682079.60	PC
193	1672598.21	1682353.17	1672438.93	1682192.96	PT
194	1672540.21	1682353.64	1672380.94	1682193.43	PT
195	1672598.76	1682420.03	1672439.48	1682259.81	BLOCK COR
196	1672599.02	1682452.03	1672439.74	1682291.81	BLOCK COR
197	1672943.05	1682449.19	1672783.74	1682288.97	BLOCK COR
198	1672906.13	1682417.50	1672746.82	1682257.28	BLOCK COR
199	1672600.27	1682603.32	1672440.99	1682443.08	BLOCK COR

Addition Point Table					
Point #	Northing	Easting	Grid Northing	Grid Easting	Description
200	1672542.27	1682603.67	1672383.00	1682443.43	BLOCK COR
201	1671028.63	1681586.79	1670869.49	1681426.65	PC
202	1671029.10	1681644.79	1670869.97	1681484.65	PC
203	1671248.32	1681568.46	1671089.17	1681408.32	PRC
204	1671257.46	1681625.74	1671098.31	1681465.59	PRC
205	1671402.01	1681555.64	1671242.84	1681395.50	PT
206	1671402.48	1681613.63	1671243.32	1681453.49	PT
207	1671663.74	1681553.48	1671504.55	1681393.35	PC
208	1671664.22	1681611.48	1671505.03	1681451.34	PC
209	1671801.51	1681620.09	1671642.30	1681459.95	PRC
210	1671809.23	1681562.61	1671650.02	1681402.47	PRC
211	1672017.21	1681575.65	1671857.98	1681415.52	PT
212	1672017.69	1681633.65	1671858.46	1681473.51	PT
213	1672311.40	1681573.23	1672152.15	1681413.09	BLOCK COR
214	1672311.88	1681631.23	1672152.63	1681471.08	BLOCK COR
215	1671031.13	1681890.77	1670872.00	1681730.60	PC
216	1671031.61	1681948.77	1670872.48	1681788.60	PC
217	1671250.83	1681872.44	1671091.68	1681712.27	PRC
218	1671259.97	1681929.71	1671100.82	1681769.54	PRC
219	1671404.51	1681859.62	1671245.34	1681699.45	PT

Addition Point Table					
Point #	Northing	Easting	Grid Northing	Grid Easting	Description
220	1671404.99	1681917.61	1671245.82	1681757.45	PT
221	1671666.25	1681857.46	1671507.05	1681697.30	PC
222	1671666.72	1681915.46	1671507.53	1681755.29	PC
223	1671878.15	1681936.97	1671718.94	1681776.80	PRC
224	1671890.30	1681880.26	1671731.09	1681720.09	PRC
225	1672167.05	1681908.42	1672007.81	1681748.25	PT
226	1672167.52	1681966.42	1672008.28	1681806.24	PT
227	1672314.65	1681907.20	1672155.40	1681747.03	BLOCK COR
228	1672315.13	1681965.20	1672155.87	1681805.03	BLOCK COR
229	1672383.96	1682369.61	1672224.70	1682209.40	BLOCK COR
230	1672206.02	1682429.27	1672046.78	1682269.05	BLOCK COR
231	1672184.03	1682311.30	1672024.79	1682151.10	BLOCK COR
232	1671928.86	1682415.80	1671769.64	1682255.59	BLOCK COR
233	1671661.09	1682348.52	1671501.90	1682188.31	BLOCK COR
234	1671338.21	1682351.18	1671179.05	1682190.97	BLOCK COR
235	1671179.83	1682380.56	1671020.68	1682220.35	BLOCK COR
236	1670808.75	1682383.62	1670649.64	1682223.41	BLOCK COR
237	1670809.78	1682614.20	1670650.67	1682453.97	BLOCK COR

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SS POINT TABLE

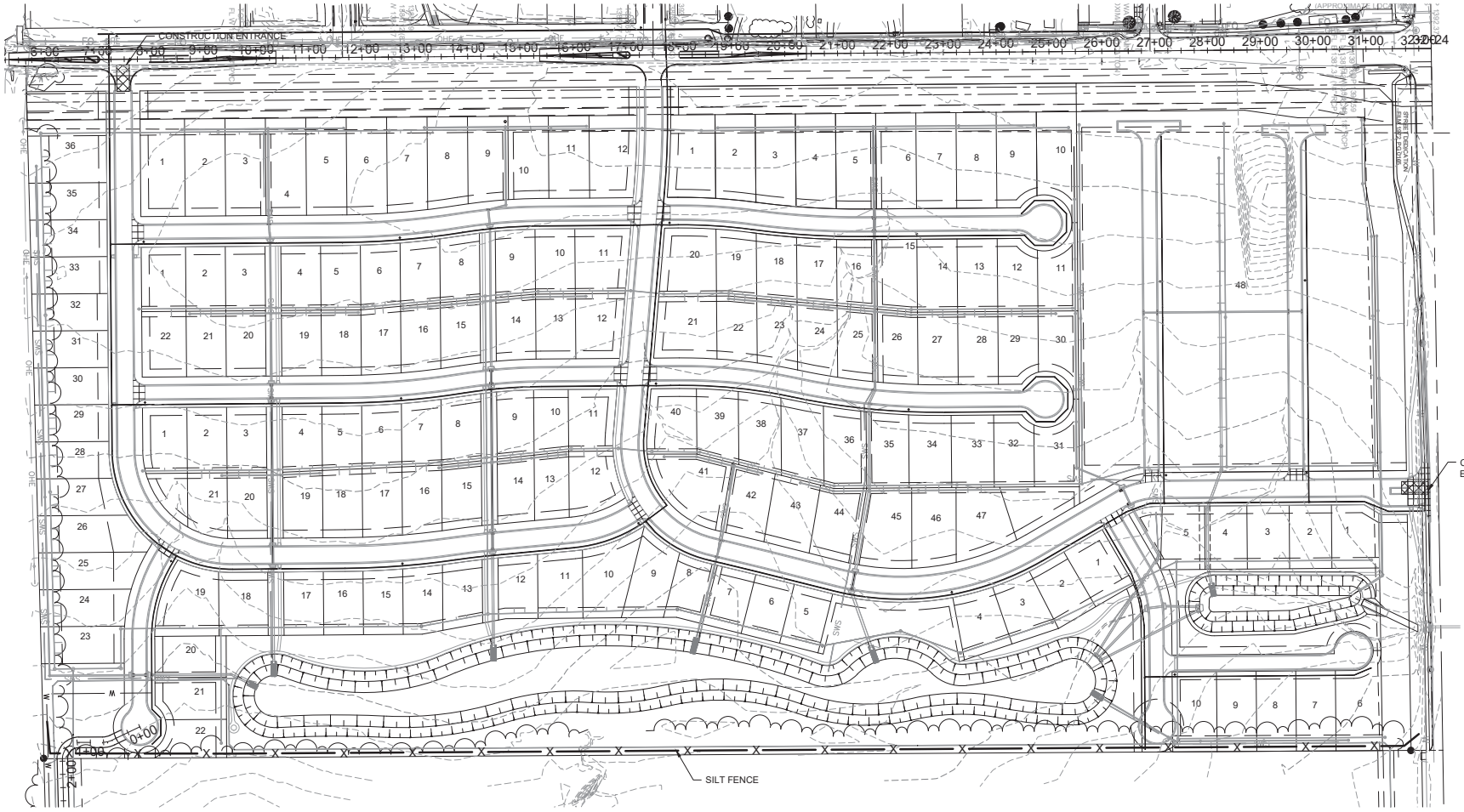
JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: .
DRAWN BY: .

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER
.

SHEET NUMBER 27B OF 36

File: L:\2024\T\41-2400521 - Pegasus Addition Design\Drawings\T41-2400521-COORDINATES.dwg Last Save: 10/21/2024 3:37 PM Last saved by: DRStandrich
Last plotted by: Standrich, Daryl R Plot Style: — Plot Scale: 1.2494 Plot Date: 10/24/2024 11:16 AM Plotter used: None



LEGEND

INSTALL CONSTRUCTION ENTRANCE (2 EACH)+

INSTALL & MAINTAIN SILT FENCE (2660 LIN. FT.)

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Stareck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV	DATE	DESCRIPTION	BY

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

EROSION CONTROL

JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: EJG
DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 28 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings\T41-2400521-EROSION CONTROL.dwg Last Save: 8/2/2024 3:27 PM Last saved by: DRSTANDRICH
Last plotted by: Standrich, Daryl R Plot Style: — Plot Scale: 1:2.5849 Plot Date: 8/19/2024 8:35 AM Plotter used: None

GENERAL SEED NOTES FOR ALL MIXES

1. THE CONTRACTOR SHALL PROVIDE GRASS SEED OF THE VARIETY AND AT THE RATES AS REQUIRED TO PRODUCE THE LIVE SEED RATES SHOWN BELOW OR AS SPECIFIED ON THE PLANS. THE VENDOR'S CERTIFIED STATEMENT FOR EACH SPECIES OF GRASS AND GRASS MIXTURE STATING EACH VARIETY, PERCENTAGE BY WEIGHT, AND PERCENTAGES OF PURITY, GERMINATION, AND WEED SEED SHALL BE FURNISHED. LIVE SEED FOR EACH GRASS SPECIES IS THE PRODUCT OF THE PERCENTAGE OF PURITY AND THE PERCENTAGE OF GERMINATION.

1.1. THE SEED SHALL BE NEW-CROP SEED COMPLYING WITH AND LABELED IN ACCORDANCE WITH U.S. DEPARTMENT OF AGRICULTURE "RULES AND REGULATIONS UNDER THE FEDERAL SEED ACT" IN EFFECT AT DATE OF PURCHASE OF SEED. ALL SEED SHALL BE FURNISHED IN STANDARD CONTAINERS. SEED WHICH HAS BECOME MOLDY, WET, OR OTHERWISE DAMAGED IN TRANSIT OR STORAGE SHALL NOT BE ACCEPTED.

1.2. A CERTIFICATE SHALL BE FURNISHED TO THE ENGINEER SHOWING THE DATE THAT THE SEED WAS TREATED. THE TREATED SEED SHALL BE PLANTED WITHIN TWENTY-FOUR (24) MONTHS AFTER TREATMENT AND ANY TREATED BUFFALO GRASS SEED HELD BY THE CONTRACTOR OR SUPPLIED BEYOND THIS PERIOD SHALL NOT BE USED.

1.3. THE SEED SHALL BE STORED IN A COOL DRY PLACE UNTIL SEEDING TIME.

2. FERTILIZER.

2.1. FERTILIZER SHALL BE PROPORTIONED AS SPECIFIED ON THE PLANS OR SHOWN BELOW AND SHALL BE OF COMMERCIAL GRADE, UNIFORM IN COMPOSITION, FREE-FLOWING AND SUITABLE FOR APPLICATION WITH APPROVED EQUIPMENT, DELIVERED TO THE SITE IN BAGS OR OTHER CONVENIENT CONTAINERS, EACH FULLY LABELED, CONFORMING TO THE APPLICABLE STATE FERTILIZER LAWS, AND BEARING THE SAME TRADE NAME OR TRADE MARK, ANALYSIS AND WARRANTY OF THE PRODUCER. FERTILIZER SHALL BE APPLIED AT THE RATE OF .5 POUNDS OF ACTUAL NITROGEN, 1.0 POUNDS OF ACTUAL PHOSPHORUS, AND .5 POUNDS OF ACTUAL POTASSIUM PER 1,000 SQUARE FEET.

2.2. WHEN APPLYING FERTILIZER, THE CONTRACTOR SHALL AVOID APPLICATION PRIOR TO HEAVY RAIN OR INTENSE STORMS.

3. WATER.

3.1. WATER SHALL NOT CONTAIN SUBSTANCES IN THE AMOUNTS CONSIDERED HARMFUL FOR THE NORMAL GROWTH OF VEGETATION. THE CONTRACTOR SHALL SUPPLY WATER AND WATERING EQUIPMENT AS REQUIRED FOR THE ESTABLISHMENT AND MAINTENANCE OF GRASSED AREAS.

4. SITE PREPARATION

4.1. PROJECT COORDINATION. AFTER THE CONSTRUCTION HAS BEEN COMPLETED, (EXCEPT AS PROVIDED BELOW), THE SITE HAS BEEN BROUGHT TO FINAL GRADES AS SHOWN ON THE PLANS, AND OTHER PLANTINGS HAVE BEEN ACCOMPLISHED, THE CONTRACTOR SHALL PREPARE THE AREAS TO BE GRASSED AS SPECIFIED. WHEN SO DIRECTED OR PERMITTED BY THE ENGINEER, PORTIONS OF THE CONSTRUCTION SITE MAY BE GRASSED AT DIFFERENT PERIODS OF TIME PROVIDED THAT THE PLANTING OCCURS IN PROPER SEASONS AS SPECIFIED. ANY GRASSED AREAS DAMAGED BY SUBSEQUENT OPERATIONS OF THE CONTRACTOR SHALL BE REPLANTED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.

4.2. NO-TILL. IT IS PREFERRED FOR THE AREAS OUTSIDE OF THE GRADING LIMITS TO BE NO-TILLED INTO THE EXISTING STUBBLE. NO SITE PREPARATION IS REQUIRED BEFORE NO-TILL SEEDING. AREAS TO BE TILLED (WITHIN GRADING LIMITS) SHALL BE PREPARED PER THE FOLLOWING NOTES.

4.3. TILLAGE. THE AREAS REQUIRED TO BE GRASSED SHALL BE PREPARED FOR PLANTING BY CULTIVATION, REMOVAL OF ALL OBJECTIONABLE MATERIAL, AND FILLING OF GULLIES OR DEPRESSIONS. THE SOIL PREPARATION SHALL BE ACCOMPLISHED BY DISKING, HARROWING AND FIRMING. (PLOWING WILL ALSO BE REQUIRED IF SO INDICATED ON THE PLANS.) THE MINIMUM DEPTH OF SOIL PREPARATION SHALL BE THREE (3) INCHES. EXISTING WEED STUBBLE, SMALL WEEDS AND GRASS THAT CAN BE DISKED SHALL BE CUT BY THE DISK AND PARTIALLY INCORPORATED INTO THE SOIL.

4.4. SEVERAL DISKINGS AND HARROWINGS OVER SOME AREAS MAY BE REQUIRED TO PROVIDE A SATISFACTORY SEEDBED. AREAS TOO STEEP OR OTHERWISE INACCESSIBLE FOR DISKING SHALL BE PREPARED BY HAND METHODS. THE MINIMUM DEPTH OF PREPARATION OF THE SEEDBED WHERE HAND METHODS MUST BE EMPLOYED SHALL BE TWO (2) INCHES. DISKING, HARROWING AND RAKING SHALL BE DONE LONGITUDINALLY ON SLOPE AREAS.

4.5. THE SOIL PREPARATION ON ALL SLOPE AREAS SHALL BE PERFORMED WITH DISKS AND HARROWS UNLESS DEMONSTRATION SHOWS SUCH METHODS IMPRACTICABLE AND THAT HAND METHODS MUST BE USED.

4.6. DURING THE PROCESS OF SOIL PREPARATION, EXTREME CARE SHALL BE EXERCISED TO AVOID INJURY TO ALL TREES THAT HAVE BEEN PLANTED OR DESIGNATED BY THE ENGINEER TO BE SAVED.

4.7. THE ENGINEER MAY DESIGNATE LOCAL AREAS OF DESIRABLE NATIVE PERENNIAL GRASSES TO BE OMITTED DURING THE SOIL PREPARATION. AREAS OF ANNUAL GRASSES SUCH AS CHEAT, CRAB GRASS, TRIPLE-AWN, ETC., SHALL BE DESTROYED BY THOROUGH DISKING PRIOR TO SEEDING.

4.8. APPLICATION OF FERTILIZER. FERTILIZER SHALL BE DISTRIBUTED UNIFORMLY AT RATES SHOWN IN THE SEED MIX NOTES ON THIS PAGE AND OVER THE AREA TO BE PLANTED, AND SHALL BE INCORPORATED INTO THE SOIL TO A DEPTH OF AT LEAST 2 INCHES BY DISKING, HARROWING OR OTHER METHODS APPROVED BY THE ENGINEER. DISTRIBUTION BY MEANS OF AN APPROVED SEED DRILL OR HYDRO SEEDER EQUIPPED TO SOW SEED AND DISTRIBUTE FERTILIZER AT THE SAME TIME WILL BE ACCEPTABLE UNLESS OTHERWISE NOTED ON THE PLANS.

4.9. ADDITIONAL SOIL CONDITIONERS SHALL BE MIXED INTO THE SOIL BY DISKING, HARROWING, ETC., WHEN SPECIFIED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER AND FURNISHED BY THE OWNER.

5. SEEDING

5.1. TIME OF SEEDING. THE TWO GENERAL SEEDING SEASONS SHALL BE AS DEFINED FOR TEMPORARY AND PERMANENT SEEDING. THE PERMISSIBLE SEEDING PERIODS FOR VARIOUS SEEDS MAY BE EXTENDED A FEW DAYS IN SPECIAL CASES WHEN MULCHING IS SPECIFIED TO FOLLOW THE DRILLING OF SEEDS AND FERTILIZER.

5.2. THE ENGINEER RESERVES THE RIGHT TO DELAY THE DRILLING OR SEEDING OF ANY SEEDS OR TO VARY THE PERMISSIBLE SEEDING SEASONS LISTED ABOVE DUE TO WEATHER OR SOIL CONDITIONS OR FOR OTHER CAUSES.

5.3. SEED APPLICATION. SEEDS SHALL BE UNIFORMLY DISTRIBUTED WITH ACCEPTABLE DRILLS, HYDRAULIC SLURRY, OR OTHER EQUIPMENT APPROVED BY THE ENGINEER. BROADCASTING WITH A STANDARD GRASS SEEDER WILL BE REQUIRED ON AREAS WHERE IT IS IMPOSSIBLE TO OPERATE A DRILL AND THIS METHOD MAY ALSO BE REQUIRED FOR CERTAIN SMALL SEEDS.

5.4. WHEN A STANDARD DRILL WITH FERTILIZER ATTACHMENT IS USED, CERTAIN MIXED SEEDS MAY BE PLACED IN THE SEED BOX AND THE FERTILIZER PLACED IN THE FERTILIZER COMPARTMENT. BOTH MAY BE APPLIED DURING ONE (1) OPERATION, UNLESS NOTES ON THE PLANS REQUIRE SEPARATE APPLICATIONS. FERTILIZER MAY BE DRILLED INTO THE SOIL OR APPLIED BY HYDRAULIC-SLURRY. BROADCASTING FERTILIZERS IS PERMISSIBLE ON ROUGH, ROCKY SLOPES WHERE DRILLS CANNOT OPERATE.

5.5. ALL DRILLS SHALL BE FULLY ADJUSTABLE SO THAT THEY WILL DELIVER THE SEEDS AND FERTILIZER AT THE RATES SPECIFIED ON THE PLANS OR ORDERED BY THE ENGINEER. DRILLS THAT ARE IN POOR REPAIR OR THAT DO NOT DELIVER THE SEEDS AND FERTILIZER UNIFORMLY IN EACH DRILL FURROW, SHALL NOT BE USED. DRILLS SHALL BE ADJUSTABLE SO THAT THE SEEDS CAN BE PLANTED AND COVERED A MAXIMUM DEPTH OF 1/2 INCH.

5.6. MOST OF THE SEEDS SHOULD BE DRILLED ABOUT ONE-HALF (1/2) INCH DEEP IN A WELL- PREPARED AND FIRM SEEDBED. WHEN THE FERTILIZING AND SEEDING OPERATIONS START ON AN AREA, THAT AREA SHALL BE COMPLETED AS SOON AS POSSIBLE. NO SEEDING SHALL BE DONE DURING WINDY WEATHER OR WHEN THE GROUND IS WET OR OTHERWISE NON-TILLABLE. THE GRASS SEED SHALL THEN BE COVERED, USING A FLEXIBLE TOOTHED WEEDER OR OTHER SUITABLE EQUIPMENT. AS SOON AS THIS COVERING OPERATION HAS BEEN COMPLETED, THE SEEDED AREA SHALL BE ROLLED AGAIN WITH THE CULTI-PACKER, THE CULTI-PACKER BEING RUN OVER THE AREA ONLY ONCE PARALLEL WITH THE CONTOURS OF THE GROUND.

6. MULCHING.

6.1. APPLYING HAY MULCH - HAY MULCH SHALL BE THE REQUIRED MULCHING MATERIAL FOR PERMANENT SEEDING, UNLESS SPECIFIED OTHERWISE ON THE PLANS OR DIRECTED BY THE ENGINEER. THE HAY SHALL NOT CONTAIN AN EXCESSIVE QUANTITY OF NOXIOUS WEED SEEDS. THE MULCH SHALL BE A SHARP GRADE PRAIRIE HAY, SEDAN GRASS HAY OR BROOM SEDGE OR ANY OTHER TYPE OF NATIVE HAY OR GRASS. STRAW SHALL BE 8 INCHES MINIMUM; 50% SHALL BE 10 INCHES IN LENGTH OR LONGER.

6.2. AFTER SEEDING OPERATIONS ARE COMPLETE THE MULCH SHALL BE SPACED UNIFORMLY BY HAND, MANURE SPREADER, OR OTHER SUITABLE EQUIPMENT. THE MULCH SHALL BE ANCHORED TO THE SOIL BY A V-TYPE WHEEL LAND PACKER, A DISK HARROW SET TO CUT SLIGHTLY, OR OTHER SUITABLE EQUIPMENT WHICH WILL SECURE THE MULCH FIRMLY INTO THE GROUND 2 INCHES OR MORE TO FORM A SOIL-BINDING MULCH AND PREVENT LOSS OR BUNCHING BY WIND. SPACING BETWEEN DISKS SHALL NOT EXCEED 8 INCHES. APPLY HAY MULCH AT THE RATE OF 2 TONS PER ACRE OR 90 LBS. PER 1000 SQ. FT.

6.3. APPLYING WOOD CELLULOSE FIBER MULCH - WOOD CELLULOSE FIBER MULCH MAY BE USED IN LIEU OF HAY MULCH WHEN THE CONTRACTOR ELECTS TO USE A HYDRO SEEDER AND THE METHOD IS APPROVED BY THE ENGINEER. WOOD CELLULOSE FIBER MULCH SHALL BE APPLIED AT THE MINIMUM RATE OF 2500 POUNDS PER ACRE, UNLESS SPECIFIED OTHERWISE.

7. WATERING.

7.1. THE CONTRACTOR SHALL WATER THE SEEDED AREAS AS REQUIRED TO ASSURE AN ACCEPTABLE STAND OF GRASS.

8. PROTECTION AND MAINTENANCE.

8.1. THE GRASSED AREA SHALL BE PROTECTED AGAINST TRAFFIC OR OTHER USE IMMEDIATELY AFTER PLANTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER CARE OF THE GRASSED AREA UNTIL ALL WORK ON THE ENTIRE CONTRACT HAS BEEN COMPLETED AND ACCEPTED, OR A MINIMUM PERIOD OF 30 DAYS, WHICHEVER IS THE LONGEST DURATION. THE CONTRACTOR WILL BE RELIEVED FROM WATERING GRASSED AREAS ACCEPTED BY THE ENGINEER AND THE OWNER.

8.2. ALL PLANTED AREAS SHALL BE GROWING WHEN ACCEPTED. AREAS NOT SHOWING A STAND OF GRASS OR EVIDENCE OF GROWTH SHALL BE REPLANTED IN ACCORDANCE WITH THESE SPECIFICATIONS. ALL COSTS IN CONNECTION WITH REPLANTING GRASSED AREAS SHALL BE BORNE BY THE CONTRACTOR UNTIL AN ACCEPTABLE STAND OF GRASS IS OBTAINED, WITH NO ADDITIONAL COST TO THE PROJECT.

9. PAYMENT

9.1. ALL SEEDING OPERATIONS THROUGHOUT THE ENTIRE COURSE OF THE PROJECT FOR TEMPORARY AND PERMANENT SEEDING, SOIL PREPARATION, FERTILIZER APPLICATION, MULCHING, WATERING, AND ALL OTHER ASSOCIATED WORK, DESCRIBED ON THE SEEDING SHEETS, SHALL BE PAID FOR AS THE BID ITEM "PROJECT SEEDING, L.S." THIS BID ITEM INCLUDES ALL RE-SEEDING ACTIVITIES AND ANY ASSOCIATED WORK NECESSARY.

TEMPORARY SEEDING

TEMPORARY SEED NOTES

1. TEMPORARY SEEDING SHALL BE INSTALLED AS TEMPORARY COVER AFTER GRADING AND/OR CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED IN AN AREA OF THE PROJECT. TEMPORARY SEED SHALL BE INSTALLED WHEN:

   1.1. CONSTRUCTION ACTIVITY WILL CEASE FOR AT LEAST 28 DAYS; OR
   1.2. WITHIN 21 DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THAT AREA; OR,
   1.3. WHEN PERMANENT SEEDING CANNOT TAKE PLACE WITHIN THE SPECIFIED PLANTING WINDOW.

2. TEMPORARY SEEDING SHALL BE PLACED VIA APPROPRIATE SEED DRILL. THE TEMPORARY SEED MIX IS AS FOLLOWS:

   ANNUAL RYE 20#/ ACRE

3. TEMPORARY SEED MAY BE PLACED ANY TIME DURING CONSTRUCTION.
4. PROTECT SEEDED AREAS FROM EROSION BY SPREADING WEED-FREE STRAW MULCH TO FORM A CONTINUOUS BLANKET 1-1/2" LOOSE DEPTH AND CRIMP IN TO SOIL BY SUITABLE METHODS.
5. DO NOT SEED OR WORK SOIL WHEN THERE IS STANDING OR RUNNING WATER PRESENT IN DISTURBED AREAS.
6. SEEDING PROCESS: REFER TO SEEDING NOTES.

TESTING REQUIREMENTS FOR THIS PROJECT

* TV / MANDREL TESTING
* AIR TESTING (PIPE)
* VACUUM TESTING (MANHOLES)

RECORD DRAWINGS
Client: City of Wichita
Contractor: Nowak Construction
Superintendent: Dave Starеck
Inspector: Russel Green
Inspection Firm: Garver
PDF BY: RDG 04/22/25

GARVER
© 2024 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.
1995 Midfield Road
Wichita, KS 67209
(316) 264-8008

REV.	DATE	DESCRIPTION	BY

WICHITA

CITY OF WICHITA
WICHITA, KANSAS

PEGASUS ADDITION
SANITARY SEWER

SEEDING & TESTING NOTES

JOB NO.: 2400521
DATE: AUGUST 2024
DESIGNED BY: .
DRAWN BY: .

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWING NUMBER

SHEET NUMBER 29 OF 36

File: L:\2024\T41-2400521 - Pegasus Addition Design\Drawings_SS INTERNAL SHEETS\Seeding Notes.dwg Last Save: 6/3/2024 9:48 AM Last saved by: DRStandrich
Last plotted by: Standrich, Daryl R. Plot Style: — Plot Scale: 1:2.5648 Plot Date: 6/19/2024 8:33 AM Plotter used: None