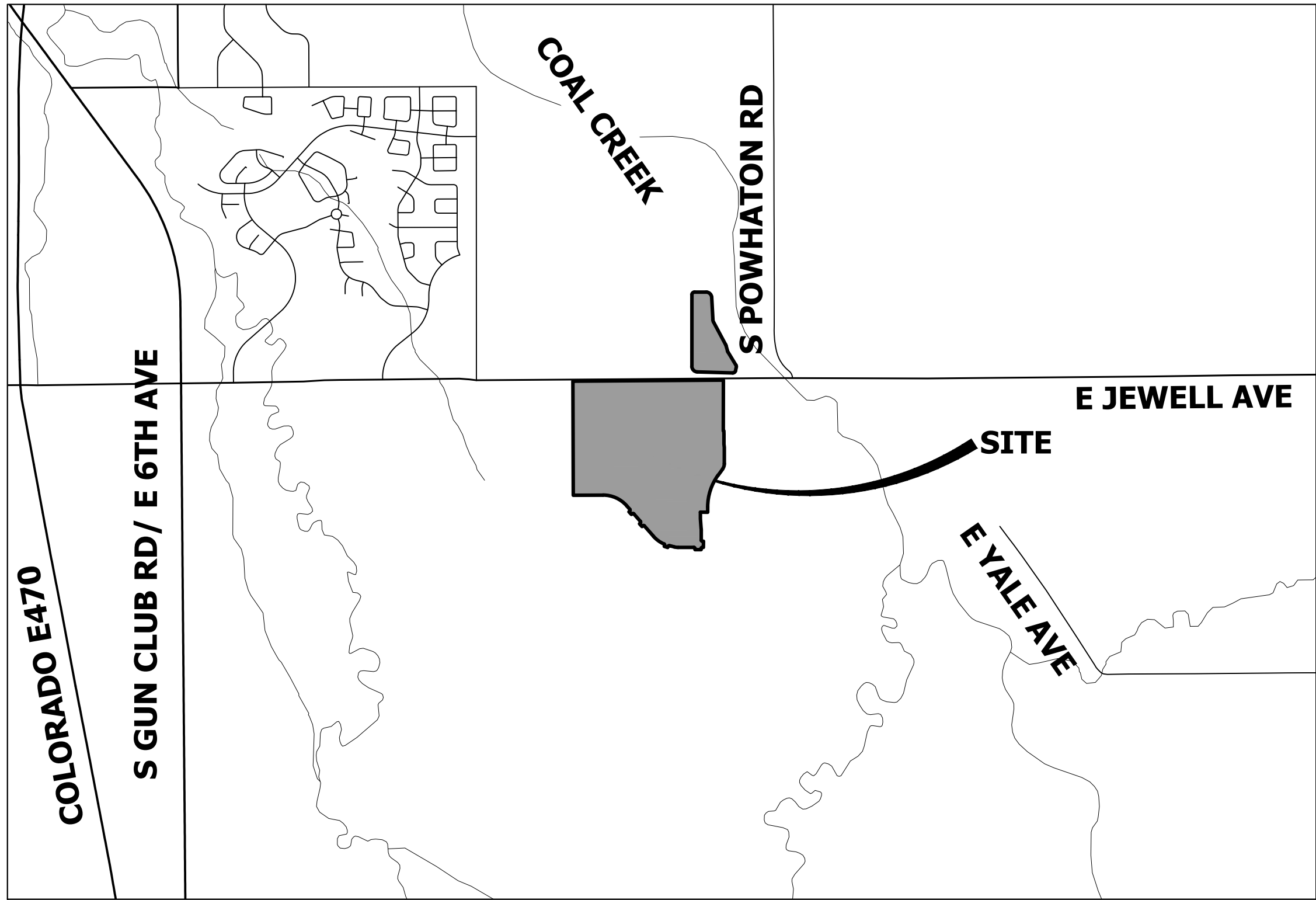


FOUNDRY FILING NO. 1

A PARCEL OF LAND LOCATED IN SECTION 29, TOWNSHIP 4 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN,
CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO

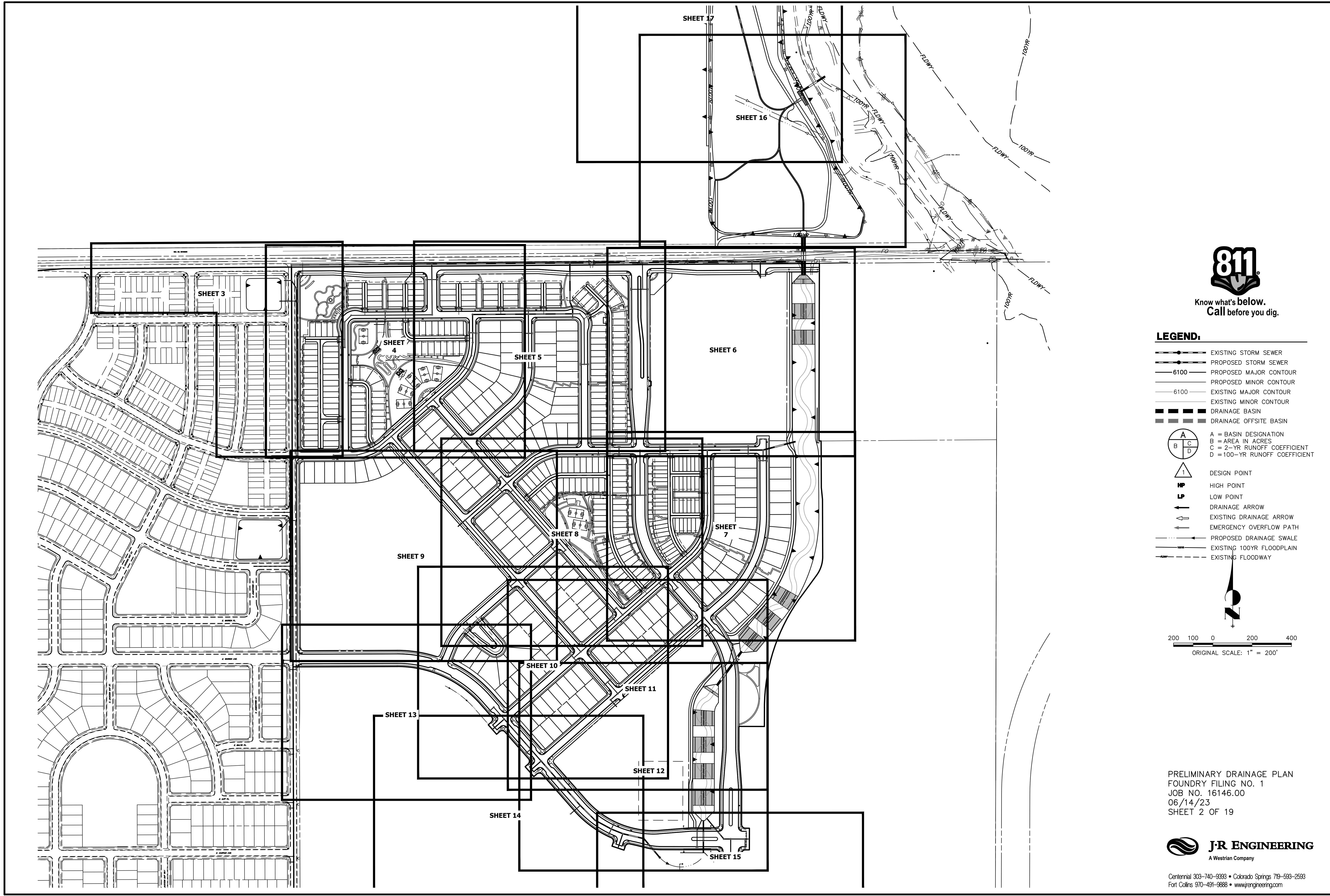
BASIN SUMMARY TABLE							
Tributary Sub-basin	Area (acres)	Percent Impervious	C _s	C ₁₀₀	t _c (min)	Q _s (cfs)	Q ₁₀₀ (cfs)
A1	1.14	80%	0.72	0.78	15.7	1.6	4.9
A2	2.19	61%	0.52	0.67	13.6	2.3	8.7
A3	0.90	62%	0.49	0.71	11.6	1.0	4.0
A4	1.56	68%	0.57	0.72	12.7	1.9	6.8
A5	1.23	62%	0.49	0.70	11.8	1.3	5.4
A6	1.69	64%	0.52	0.70	12.8	1.9	7.2
A7	0.42	75%	0.69	0.74	12.4	0.6	1.9
A8	0.74	81%	0.73	0.79	12.6	1.1	3.5
A9	0.57	85%	0.76	0.82	12.5	0.9	2.8
A10	12.88	23%	0.30	0.38	15.4	7.4	26.9
A11	1.04	89%	0.79	0.85	14.9	1.6	5.0
A12	1.31	78%	0.71	0.76	15.2	1.8	5.6
A13	0.48	76%	0.70	0.75	12.9	0.7	2.2
A14	1.93	38%	0.40	0.48	14.5	1.5	5.2
A15	1.70	64%	0.51	0.71	13.2	1.8	7.2
A16	0.19	75%	0.69	0.74	11.2	0.3	0.9
A17	0.55	69%	0.60	0.72	12.8	0.7	2.4
A18	1.85	62%	0.49	0.71	12.4	1.9	8.0
A19	0.44	72%	0.63	0.74	12.2	0.6	2.0
A20	0.33	62%	0.48	0.70	11.0	0.4	1.5
A21	0.20	76%	0.70	0.75	11.1	0.3	1.0
A22	0.41	75%	0.68	0.74	12.0	0.6	1.9
A23	0.69	69%	0.60	0.72	13.2	0.9	3.0
A24	1.74	62%	0.49	0.71	12.5	1.8	7.5
A25	17.12	46%	0.44	0.63	16.4	14.1	57.6
A26	0.32	72%	0.64	0.73	11.7	0.4	1.5
A27	0.74	42%	0.38	0.53	11.0	0.6	2.5
A28	0.27	72%	0.67	0.72	12.0	0.4	1.2
A29	0.60	40%	0.43	0.48	12.0	0.6	1.8
A30	2.12	62%	0.49	0.71	12.5	2.2	9.1
A31	0.19	70%	0.65	0.71	11.2	0.3	0.9
A32	1.17	64%	0.51	0.71	12.7	1.3	5.0
A33	1.41	74%	0.64	0.76	16.7	1.7	5.7
A34	0.58	69%	0.64	0.70	12.8	0.8	2.4
A35	1.71	65%	0.57	0.70	13.7	2.0	7.0
A36	1.05	73%	0.63	0.75	12.2	1.4	4.8
A37	1.13	68%	0.61	0.71	13.1	1.4	4.8
A38	2.65	13%	0.22	0.29	13.3	1.2	4.6
A39	1.81	78%	0.66	0.80	12.6	2.5	8.7
A40	2.06	20%	0.27	0.34	11.7	1.2	4.4
A41	2.53	43%	0.45	0.50	13.5	2.3	7.4
A42	0.56	74%	0.65	0.75	12.4	0.8	2.6
A43	2.00	67%	0.55	0.72	13.0	2.3	8.7
A44	0.42	72%	0.63	0.74	11.2	0.6	2.0
A45	2.75	58%	0.56	0.62	14.6	3.1	9.6
A46	1.44	64%	0.57	0.68	12.9	1.7	5.9
A47	1.06	63%	0.49	0.71	11.8	1.1	4.7
A48	1.86	65%	0.53	0.71	12.8	2.1	8.0
A49	1.34	64%	0.51	0.71	12.5	1.5	5.8
A50	2.45	63%	0.50	0.71	12.8	2.6	10.5
A51	2.33	64%	0.52	0.71	14.7	2.4	9.4
A52	1.18	78%	0.64	0.81	14.2	1.5	5.5
A53	2.63	64%	0.56	0.68	15.1	2.8	10.0
A54	0.30	71%	0.64	0.73	10.7	0.4	1.4
A55	1.44	73%	0.63	0.75	15.3	1.7	6.0
A56	2.04	75%	0.64	0.78	13.7	2.6	9.3
A57	1.75	5%	0.18	0.22	11.6	0.7	2.4
A58	2.11	64%	0.58	0.68	15.3	2.3	8.0
A59	0.70	58%	0.55	0.62	11.8	0.8	2.7
A60	1.13	63%	0.57	0.67	11.8	1.4	4.8
A61	2.39	61%	0.55	0.67	13.4	2.7	9.4
A62	0.09	79%	0.72	0.77	10.6	0.1	0.5
A63	2.56	65%	0.52	0.71	14.2	2.7	10.5
A64	2.72	64%	0.51	0.71	15.2	2.7	10.8
A65	1.45	67%	0.57	0.71	14.9	1.6	5.8
A66	0.19	70%	0.65	0.71	11.3	0.3	0.9
A67	0.21	73%	0.67	0.73	11.5	0.3	1.0
A68	0.22	74%	0.68	0.74	11.3	0.3	1.0
A69	2.00	74%	0.64	0.76	15.2	2.5	8.5
A70	11.98	75%	0.60	0.80	14.6	14.2	54.4
A71	1.00	88%	0.78	0.84	12.8	1.6	5.1
A72	11.90	14%	0.23	0.30	21.7	4.4	16.6
A73	1.69	64%	0.52	0.70	12.8	1.9	7.2
A74	0.78	63%	0.50	0.71	11.9	0.8	3.4
A75	0.87	65%	0.53	0.71	12.1	1.0	3.8
A76	0.92	66%	0.54	0.72	12.2	1.1	4.1
A77	1.20	78%	0.64	0.81	12.9	1.6	5.8
A78	0.98	11%	0.21	0.27	11.8	0.4	1.6
A79	0.53	51%	0.47	0.59	11.0	0.6	2.0
A80	1.59	60%	0.52	0.66	12.3	1.8	6.4
A81	0.35	65%	0.61	0.67	11.3	0.5	1.5



VICINITY MAP

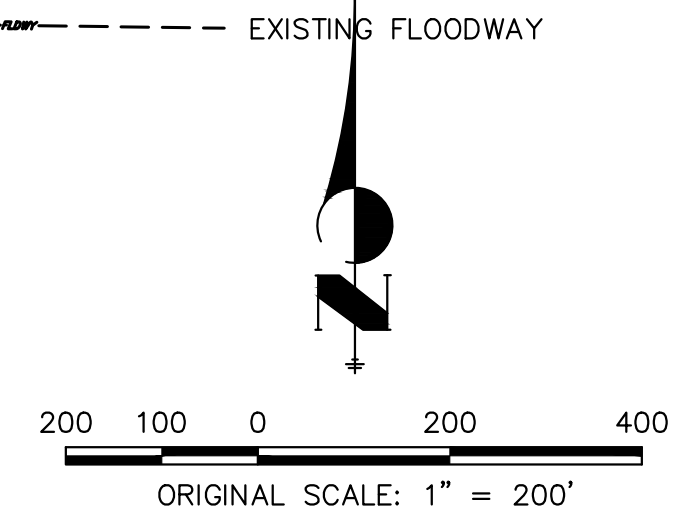
1"=2000'

BASIN SUMMARY TABLE								DESIGN POINT			DESIGN POINT			DESIGN POINT		
Tributary Sub-basin	Area (acres)	Percent Impervious	C _s	C ₁₀₀	t _c (min)	Q _s (cfs)	Q ₁₀₀ (cfs)	DP	Q5 Total	Q100 Total	DP	Q5 Total	Q100 Total	DP	Q5 Total	Q100 Total
D1	1.10	79%	0.72	0.78	16.2	1.5	4.6	1	2.1	6.4	7	0.8	2.5	40	1.3	4.6
D2	0.32	79%	0.72	0.77	11.4	0.5	1.6	1.1	4.6	11.4	7.1	16.4	47.4	41	2.7	8.5
D3	0.59	79%	0.72	0.77	12.9	0.9	2.7	1.2	5.5	14.0	7.2	16.4	47.7	41.1	3.3	8.1
D4	0.49	88%	0.79	0.84	12.7	0.8	2.5	1.3	19.1	71.6	7.3	66.7	191.9	42	0.8	7.9
OS1	8.23	75%	0.60	0.80	17.4	8.9	34.3	1.4	20.0	74.2	7.4	68.2	194.8	43	2.5	12.8
OS2	34.21	75%	0.60	0.80	22.6	32.4	124.8	1.5	0.9	3.0	7.5	87.4	251.1	44	0.7	2.3
OS3	12.88	75%	0.60	0.80	17.8	13.8	53.2	1.6	1.3	4.4	7.6	104.3	251.1	45	3.7	11.7
OS4	9.46	75%	0.60	0.80	18.6	9.9	38.1	1.7	2.7	7.6	7.7	24.6	95.3	46	2.0	6.7
OS5	11.58	75%	0.60	0.80	17.5	12.5	48.2	1.8	22.8	82.3	8	2.1	4.3	47	1.0	6.1
OS6	83.67	79%	0.65	0.82	24.3	81.7	300.7	1.9	23.1	84.9	9	4.3	10.4	48	2.3	8.9
OS7	14.84	75%	0.60	0.80	16.3	16.7	63.9	2	2.6	9.9	10	7.4	26.9	49	1.4	7.9
								2.1	4.2	11.9	11	2.1	6.4	50	2.9	12.1
								2.2	6.1	18.1	12	2.2	6.8	51	2.2	9.0
								2.3	6.5	18.9	13	0.8	3.2	52	1.6	5.6
								2.4	8.4	27.7	14	1.6	5.6	53	2.9	13.7
								2.5	10.1	34.0	15	1.8	8.1	54	0.5	1.5
								2.6	11.4	38.6	16	0.4	1.2	55	2.2	11.6
								2.7	16.1	57.2	17	0.7	2.5	56	3.5	14.7
								3	1.1	4.5	18	2.0	9.0	57	0.7	2.6
								3.1	7.9	28.0	19	0.6	2.0	58	3.1	10.5
								3.2	2.3	10.7	20	0.4	1.6	58.1	5.1	15.0
								3.3	9.9	37.0	21	0.4	1.3	59	1.1	3.7
								3.4	10.1	38.7	22	0.6	3.4	60	1.4	5.6
								3.5	10.2	39.0	22.1	14.6	60.4	61	3.7	12.8
								3.6	4.1	12.7	23	1.0	3.4	62	0.2	0.6
								3.7	13.3	48.8	24	2.0	8.4	63	3.0	11.9
								4	2.2	8.0	25	14.1	57.6	64	2.8	11.1
								4.1	26.1	99.1	26	0.4	1.4	65	1.9	6.9
								4.2	5.9	16.9	27	0.6	2.6	66	0.2	4.4
								4.3	30.7	112.8	28	0.5	1.6	67	0.4	1.3
								4.4	32.1	118.4	29	0.6	1.8	68	0.4	1.3
								4.5	45.7	169.9	30	2.2	9.1	69	2.5	8.5
								4.6	45.9	174.5	31	0.3	1.1	70	14.2	54.4
								4.7	8.0	20.9	31.1	4.3	5.3	71	2.3	7.0
								4.8	49.4	185.5	32	1.7	7.7	72	4.4	16.6
								5	1.5	8.1	33	2.1	7.1	73	2.0	9.8
								5.1	2.2	9.4	34	1.0	3.1	74	0.9	8.0
								5.2	4.1	14.6	34.1	1.4	4.7	75	0.8	5.3
								5.3	6.4	21.8	34.2	24.9	24.9	76	1.2	4.5
								5.4	10.0	34.9	34.3	57.9	57.9	77	2.0	7.4
								5.5	12.7	50.0	34.4	59.1	62.3	77.1	2.4	8.8
								5.6	6.0	28.6	35	2.4	8.3	78	0.4	1.6
								5.7	18.8	75.3	36	1.7	5.8	79	0.6	2.2
								5.8	3.8	14.5	36.1	2.6	9.2	80	3.3	16.4
								5.9	21.8	87.8	37	1.8	6.1	80.1	24.6	101.7
								6	2.1	8.2	37.1	1.9	1.4	80.2	33.8	132.2
								6.1	6.6	16.6	38	1.2	4.6	81	0.6	1.9
								6.2	7.6	25.6	39	2.6	11.0			
								6.3	4.1	36.6						
								6.4	11.5	36.8						
								6.5	36.2	137.1						
								6.6	5.3	22.1						
								6.7	40.6	156.4						
								6.8	40.9	158.6						
								6.9	52.7	205.7						



Know what's below.
Call before you dig.

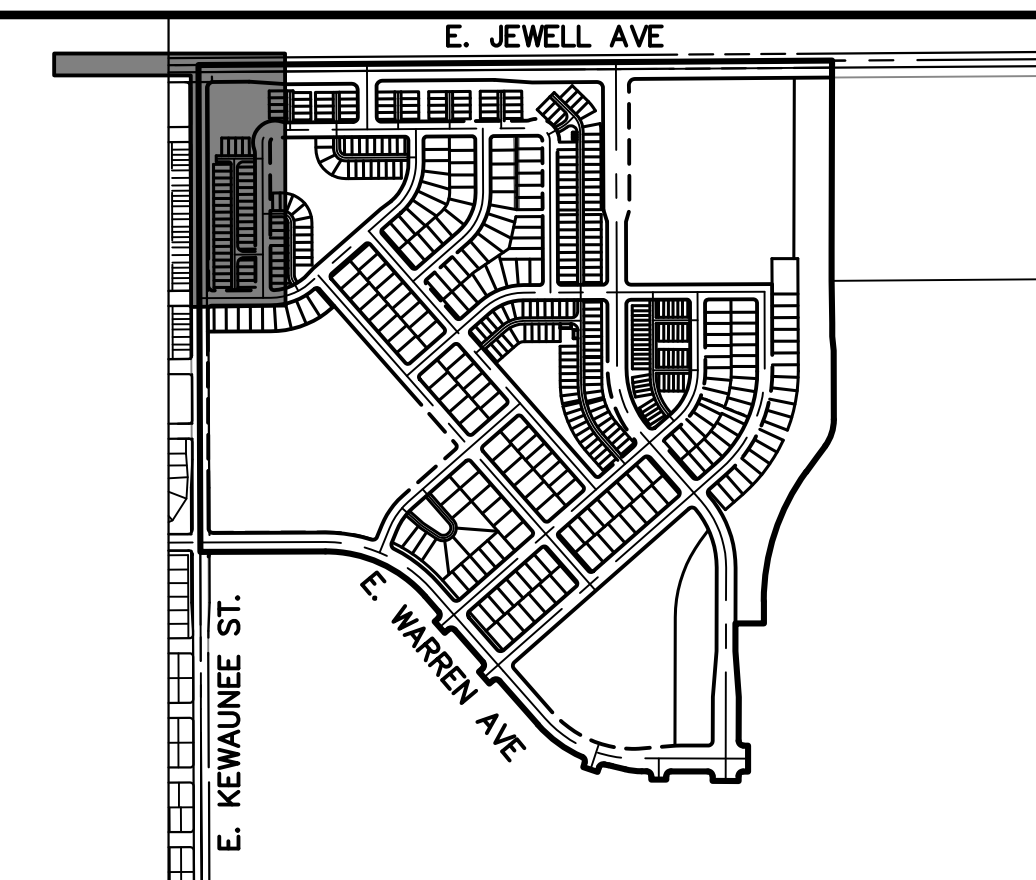
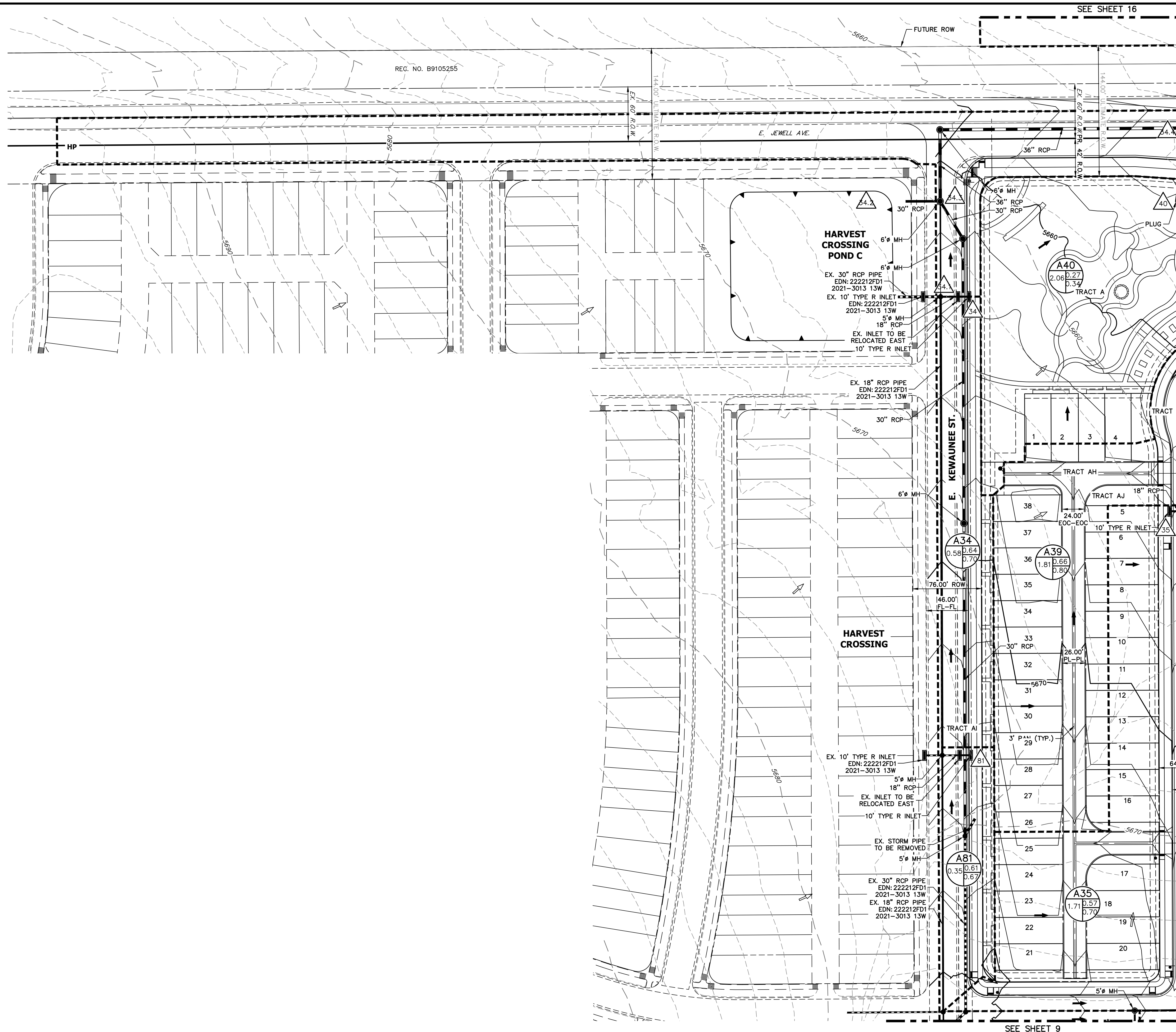
- LEGEND:**
- EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - 6100 PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - 6100 EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - DRAINAGE BASIN
 - DRAINAGE OFFSITE BASIN
 - A = BASIN DESIGNATION
 - B = AREA IN ACRES
 - C = 2-YR RUNOFF COEFFICIENT
 - D = 100-YR RUNOFF COEFFICIENT
 - DESIGN POINT
 - HP HIGH POINT
 - LP LOW POINT
 - DRAINAGE ARROW
 - EXISTING DRAINAGE ARROW
 - EMERGENCY OVERFLOW PATH
 - PROPOSED DRAINAGE SWALE
 - EXISTING 100YR FLOODPLAIN
 - EXISTING FLOODWAY



PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 2 OF 19



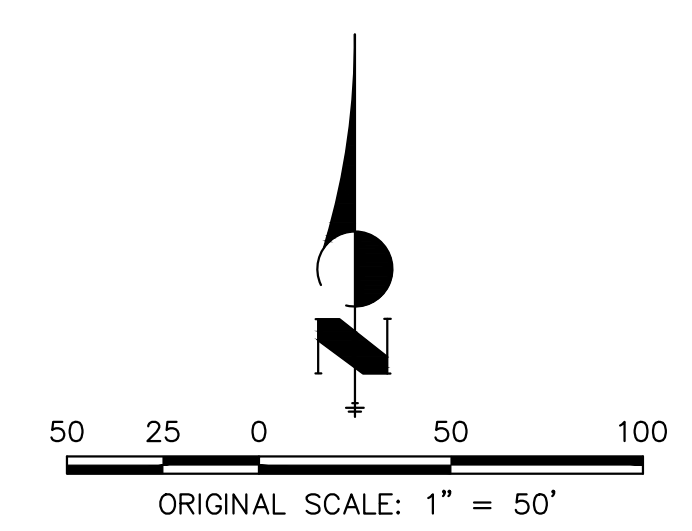
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KEY MAP
SCALE: 1"=400'



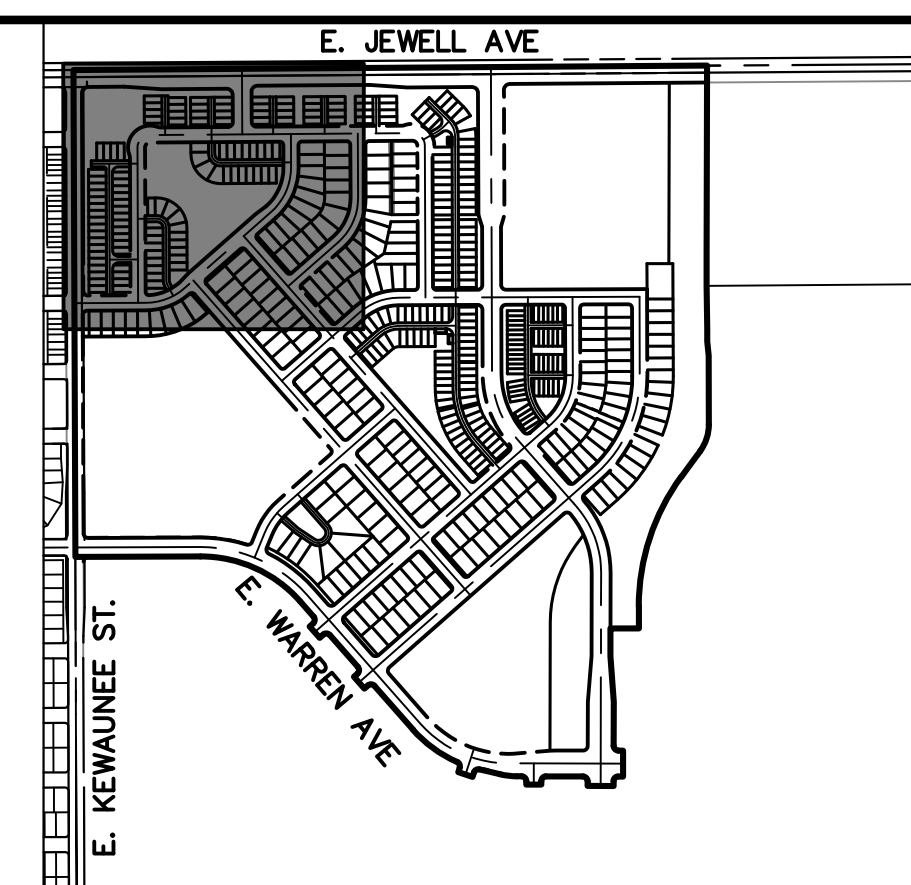
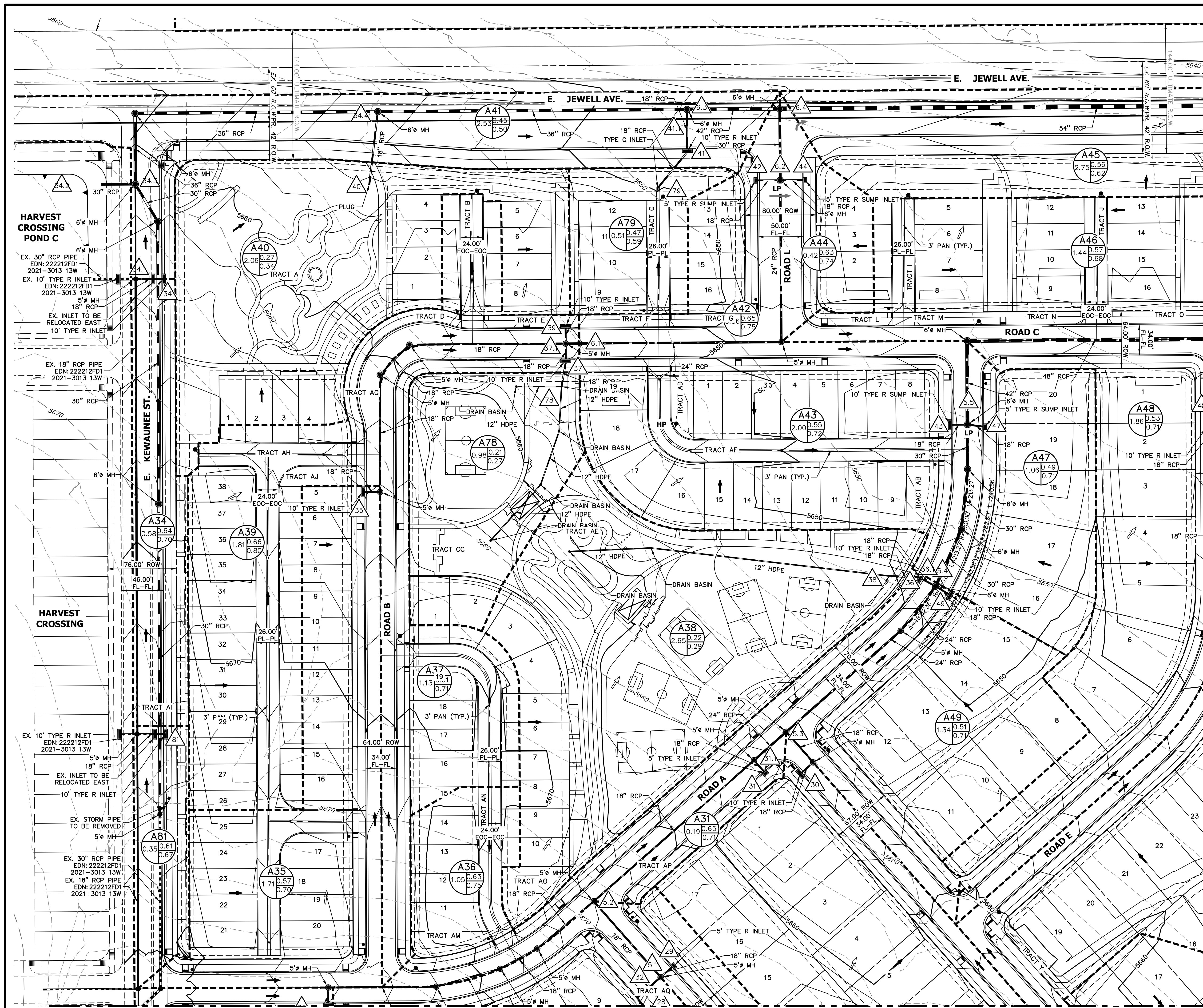
- LEGEND:**
- EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - 6100 PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - 6100 EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - DRAINAGE BASIN
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 - PROPOSED DRAINAGE SWALE
 - EXISTING 100YR FLOODPLAIN
 - EXISTING FLOODWAY



PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 3 OF 19

J-R ENGINEERING
A Westrian Company

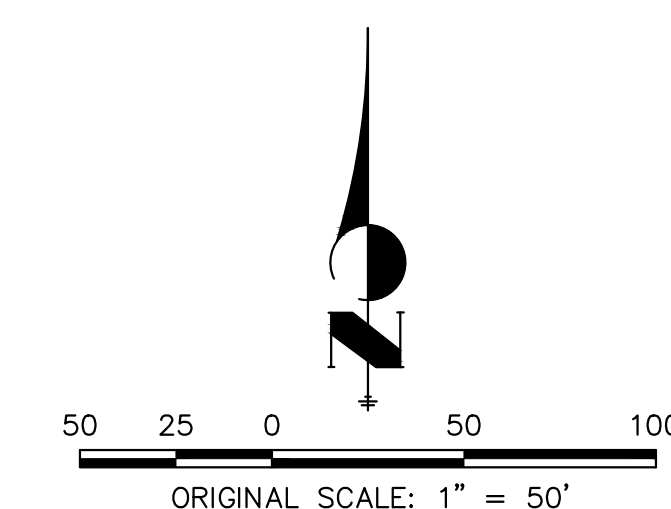
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KEY MAP
SCALE: 1"=400'



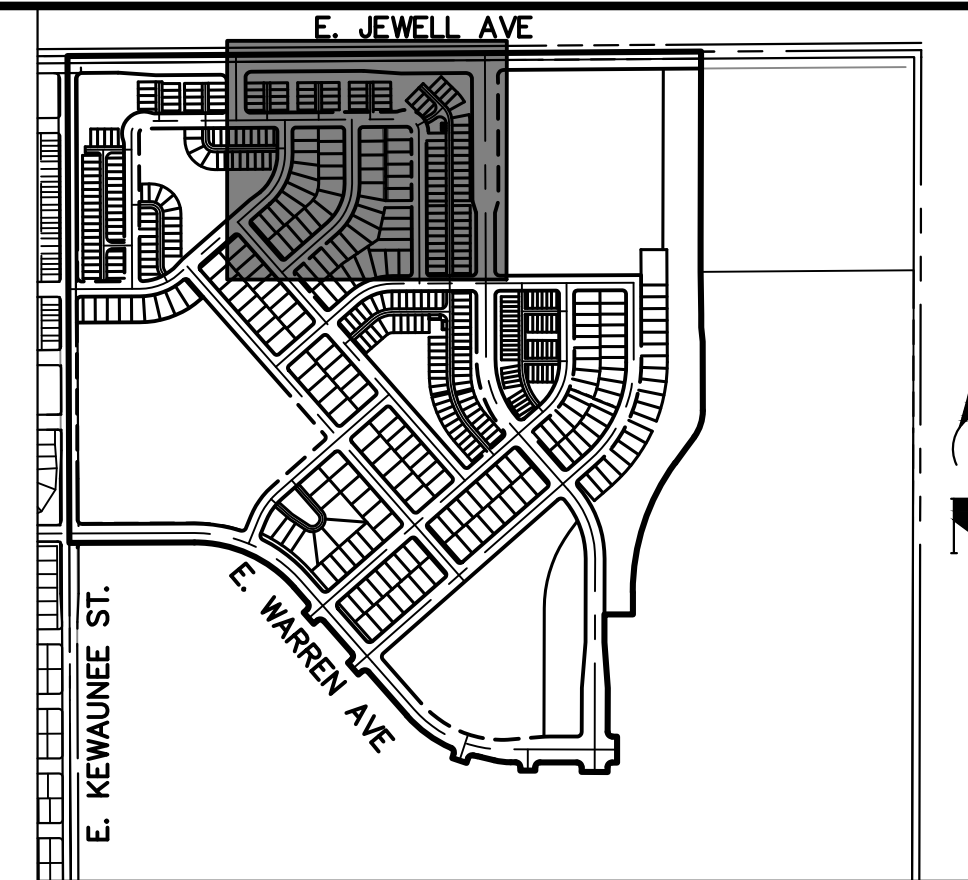
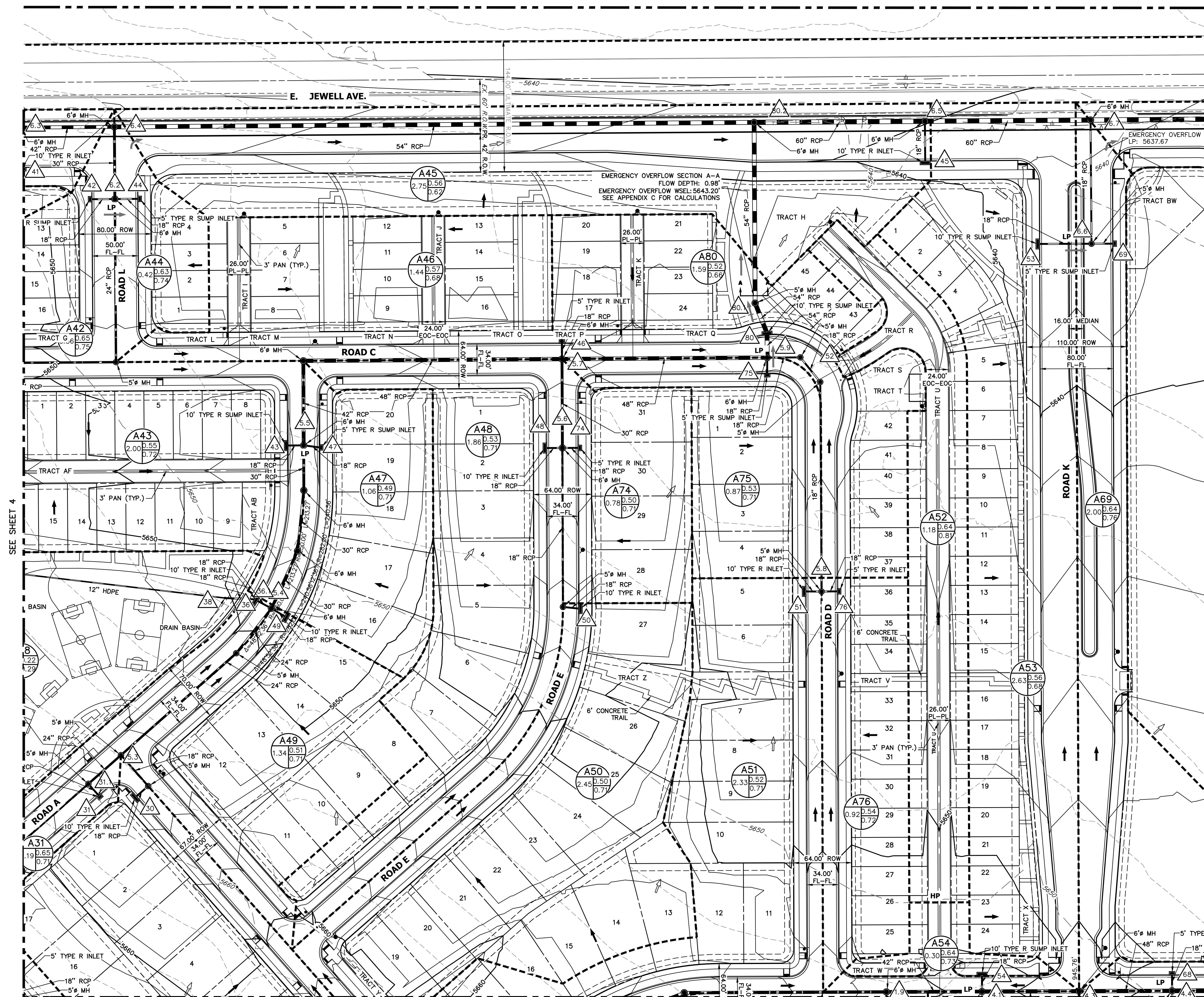
- LEGEND:**
- EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - DRAINAGE BASIN
 - DRAINAGE OFFSITE BASIN
 - A = BASIN DESIGNATION
 - B = AREA IN ACRES
 - C = 2-YR RUNOFF COEFFICIENT
 - D = 100-YR RUNOFF COEFFICIENT
 - DESIGN POINT
 - HIGH POINT
 - LOW POINT
 - DRAINAGE ARROW
 - EXISTING DRAINAGE ARROW
 - EMERGENCY OVERFLOW PATH
 - PROPOSED DRAINAGE SWALE
 - EXISTING 100YR FLOODPLAIN
 - EXISTING FLOODWAY



PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 4 OF 19



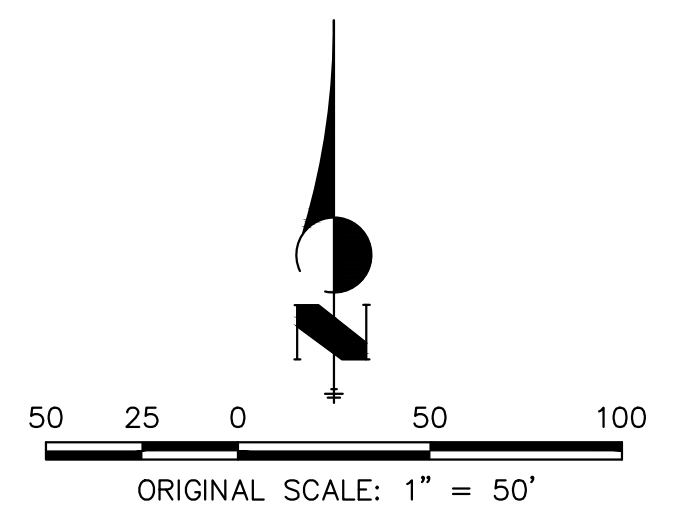
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**KEY MAP**

SCALE: 1"=400'

**LEGEND:**

- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- 6100 PROPOSED MAJOR CONTOUR
- 6100 PROPOSED MINOR CONTOUR
- 6100 EXISTING MAJOR CONTOUR
- 6100 EXISTING MINOR CONTOUR
- DRAINAGE BASIN
- DRAINAGE OFFSITE BASIN
- ⊙ A = BASIN DESIGNATION
B = AREA IN ACRES
C = 2-YR RUNOFF COEFFICIENT
D = 100-YR RUNOFF COEFFICIENT
- △ DESIGN POINT
- HP HIGH POINT
- LP LOW POINT
- DRAINAGE ARROW
- EXISTING DRAINAGE ARROW
- EMERGENCY OVERFLOW PATH
- PROPOSED DRAINAGE SWALE
- EXISTING 100YR FLOODPLAIN
- EXISTING FLOODWAY

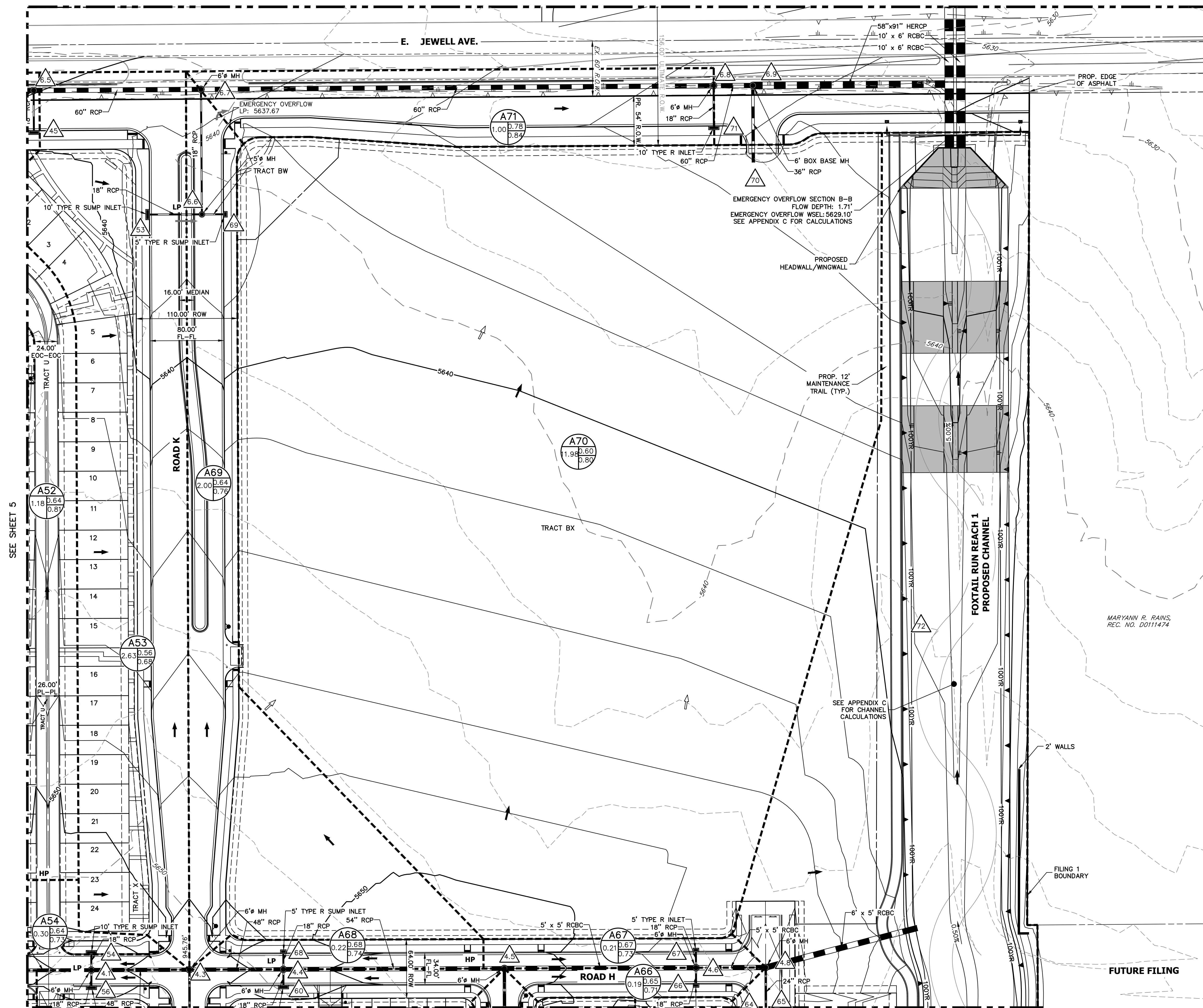


PRELIMINARY DRAINAGE PLAN
 FOUNDRY FILING NO. 1
 JOB NO. 16146.00
 06/14/23
 SHEET 5 OF 19

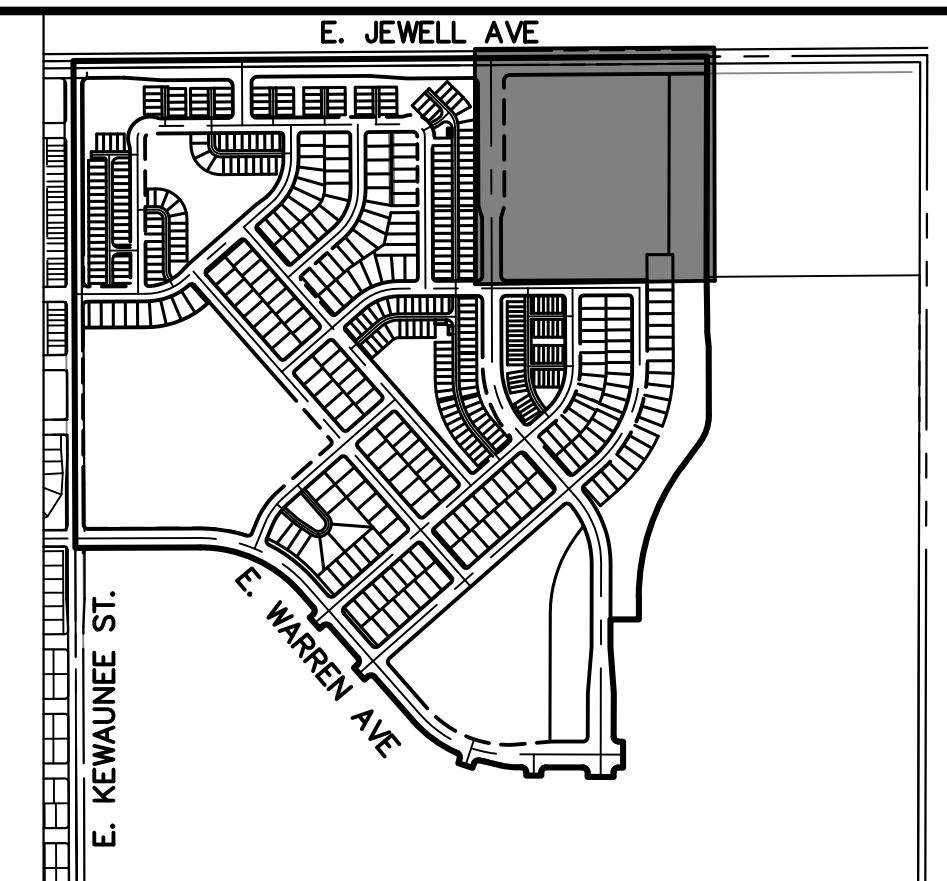


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SEE SHEET 16



SEE SHEET 7



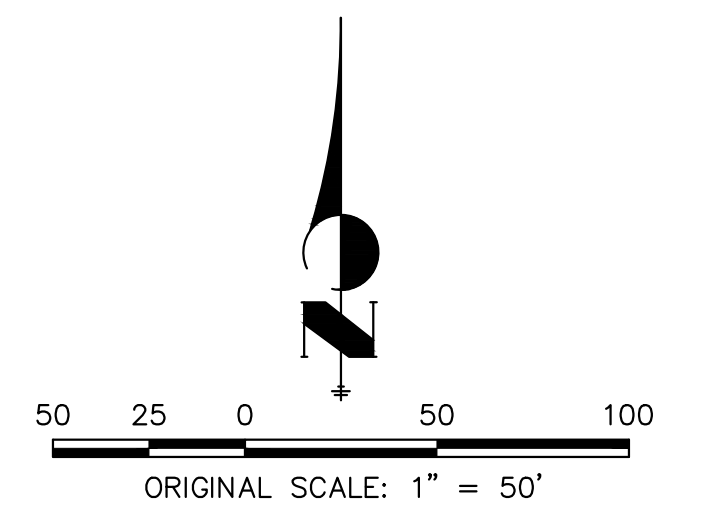
KEY MAP

SCALE: 1"=400'



LEGEND:

- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- DRAINAGE BASIN
- DRAINAGE OFFSITE BASIN
- A = BASIN DESIGNATION
- B = AREA IN ACRES
- C = 2-YR RUNOFF COEFFICIENT
- D = 100-YR RUNOFF COEFFICIENT
- DESIGN POINT
- HIGH POINT
- LOW POINT
- DRAINAGE ARROW
- EXISTING DRAINAGE ARROW
- EMERGENCY OVERFLOW PATH
- PROPOSED DRAINAGE SWALE
- EXISTING 100YR FLOODPLAIN
- EXISTING FLOODWAY



PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 6 OF 19

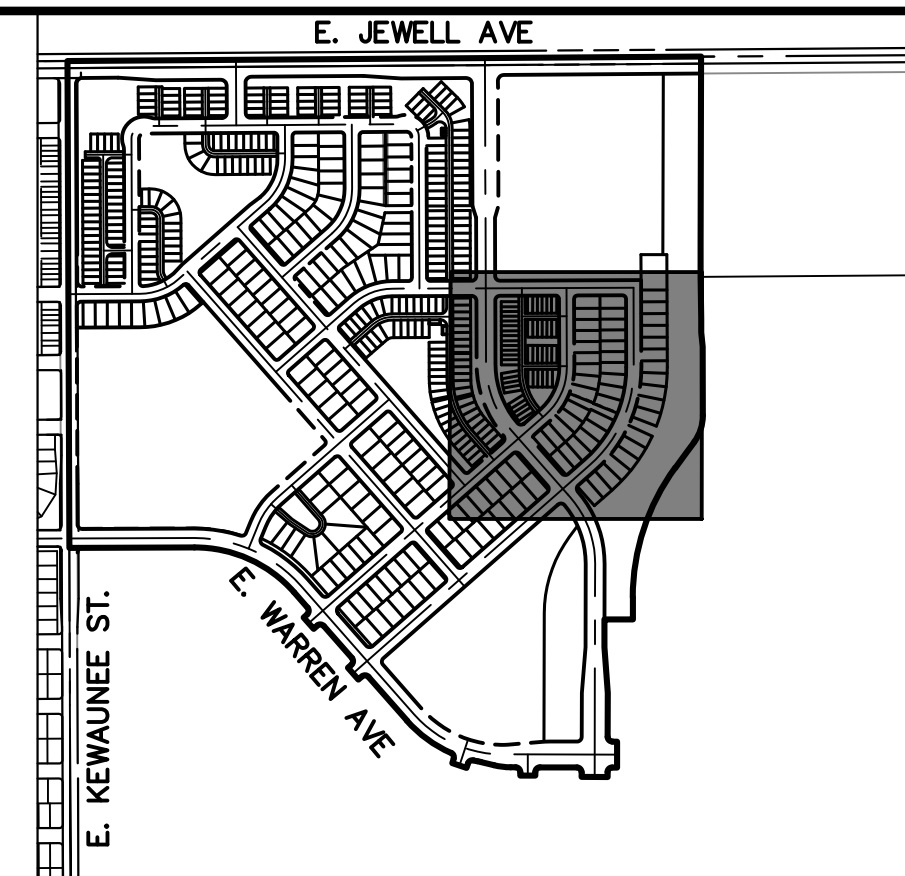


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SEE SHEET 6

FILING 1
BOUNDARY

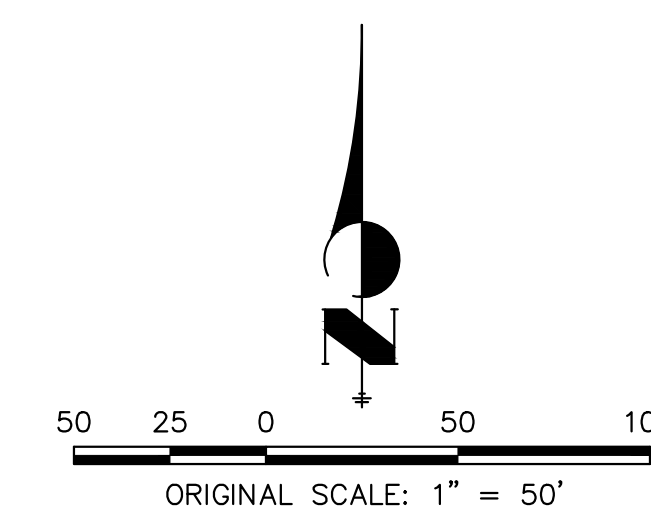
FUTURE FILING

**KEY MAP**

SCALE: 1"=400'

Know what's below.
Call before you dig.**LEGEND:**

- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- DRAINAGE BASIN
- DRAINAGE OFFSITE BASIN
- A = BASIN DESIGNATION
- B = AREA IN ACRES
- C = 2-YR RUNOFF COEFFICIENT
- D = 100-YR RUNOFF COEFFICIENT
- DESIGN POINT
- HIGH POINT
- LOW POINT
- DRAINAGE ARROW
- EXISTING DRAINAGE ARROW
- EMERGENCY OVERFLOW PATH
- PROPOSED DRAINAGE SWALE
- EXISTING 100YR FLOODPLAIN
- EXISTING FLOODWAY



PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 7 OF 19



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SEE SHEET 8

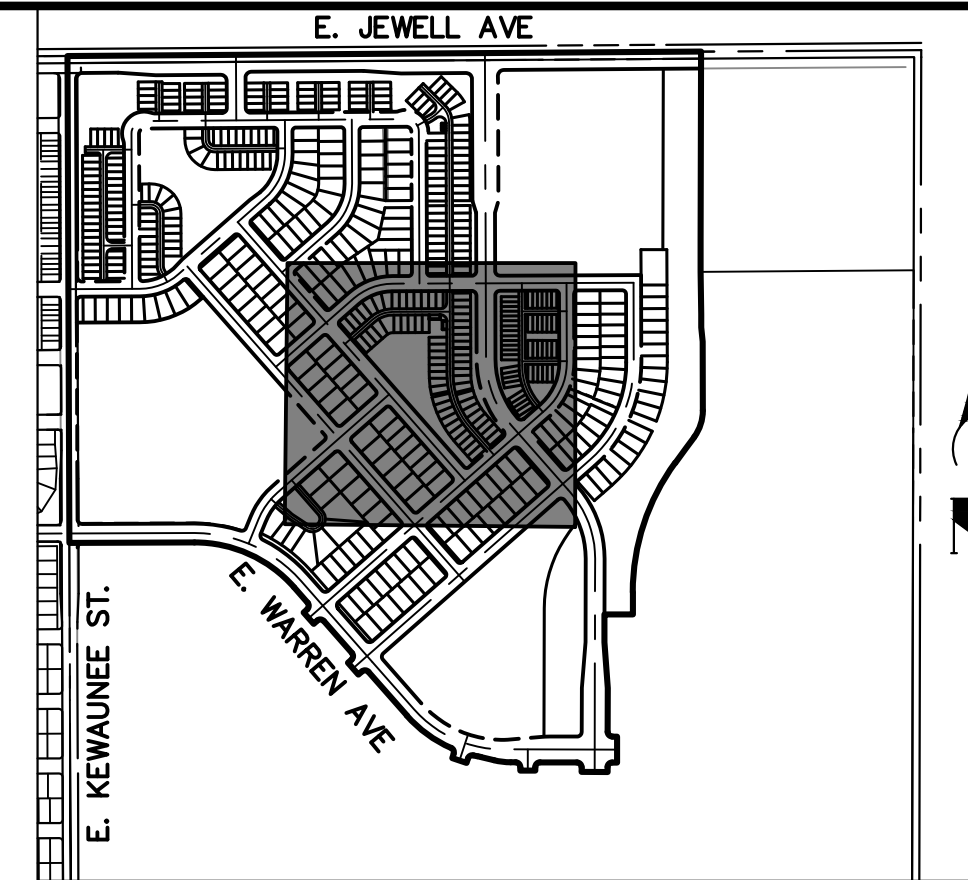
SEE SHEET 8

FUTURE FILING

SEE SHEET 5

SEE SHEET 9

SEE SHEET 10



KEY MAP

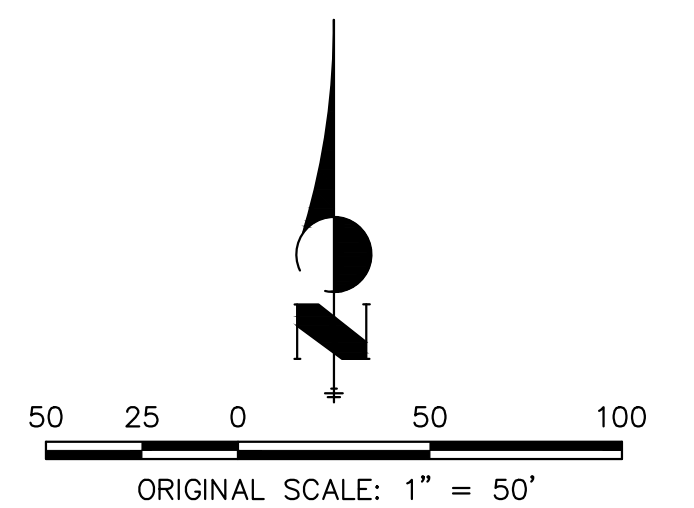
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Know what's below.
Call before you dig.

LEGEND:

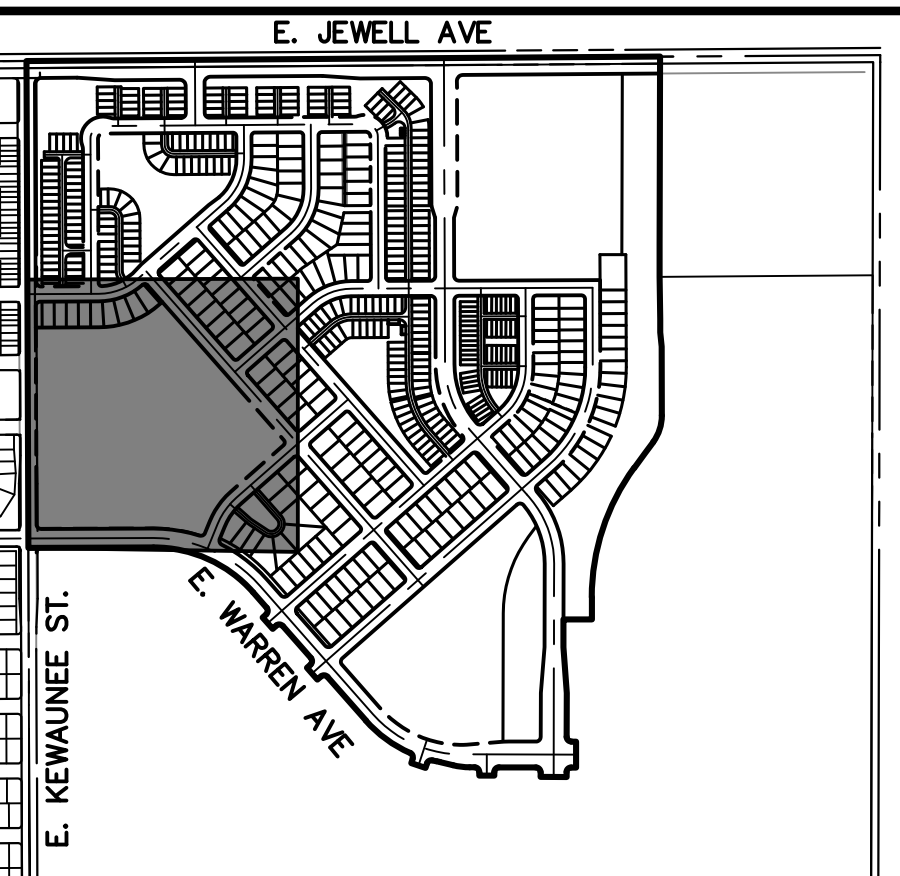
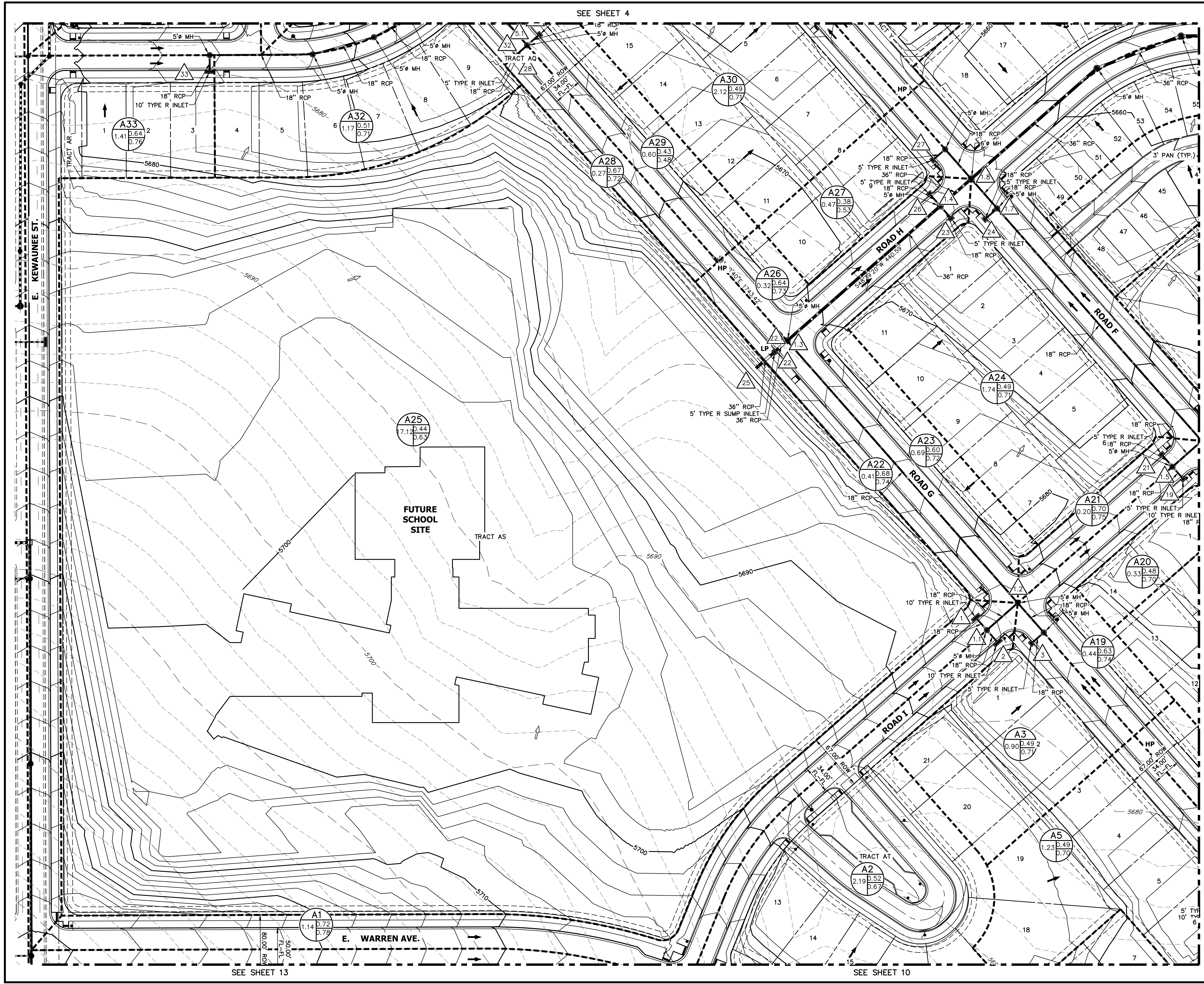
- EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - 6100 PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - 6100 EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - DRAINAGE BASIN
 - DRAINAGE OFFSITE BASIN
- | A | | | |
|---|---|---|---|
| B | C | D | |
| 1 | 2 | 3 | 4 |
- △ DESIGN POINT
 - HP HIGH POINT
 - LP LOW POINT
 - DRAINAGE ARROW
 - EXISTING DRAINAGE ARROW
 - EMERGENCY OVERFLOW PATH
 - PROPOSED DRAINAGE SWALE
 - EXISTING 100YR FLOODPLAIN
 - EXISTING FLOODWAY



PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 8 OF 19

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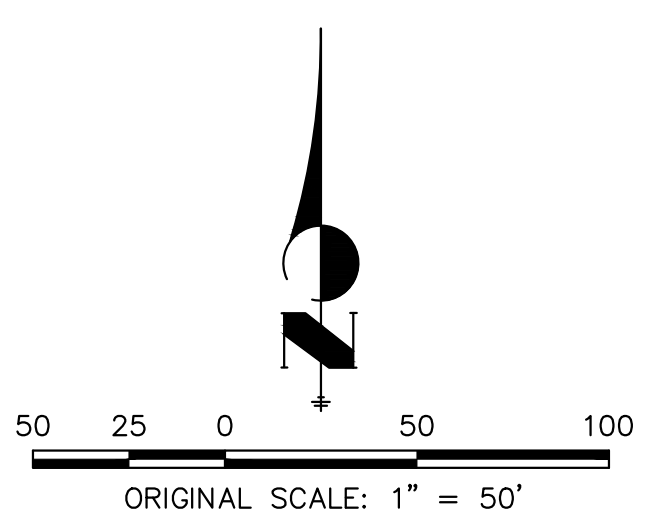


KEY MAP
SCALE: 1"=400'



Know what's below.
Call before you dig.

- LEGEND:**
- EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - DRAINAGE BASIN
 - DRAINAGE OFFSITE BASIN
 - A = BASIN DESIGNATION
 - B = AREA IN ACRES
 - C = 2-YR RUNOFF COEFFICIENT
 - D = 100-YR RUNOFF COEFFICIENT
 - DESIGN POINT
 - HIGH POINT
 - LOW POINT
 - DRAINAGE ARROW
 - EXISTING DRAINAGE ARROW
 - EMERGENCY OVERFLOW PATH
 - PROPOSED DRAINAGE SWALE
 - EXISTING 100YR FLOODPLAIN
 - EXISTING FLOODWAY

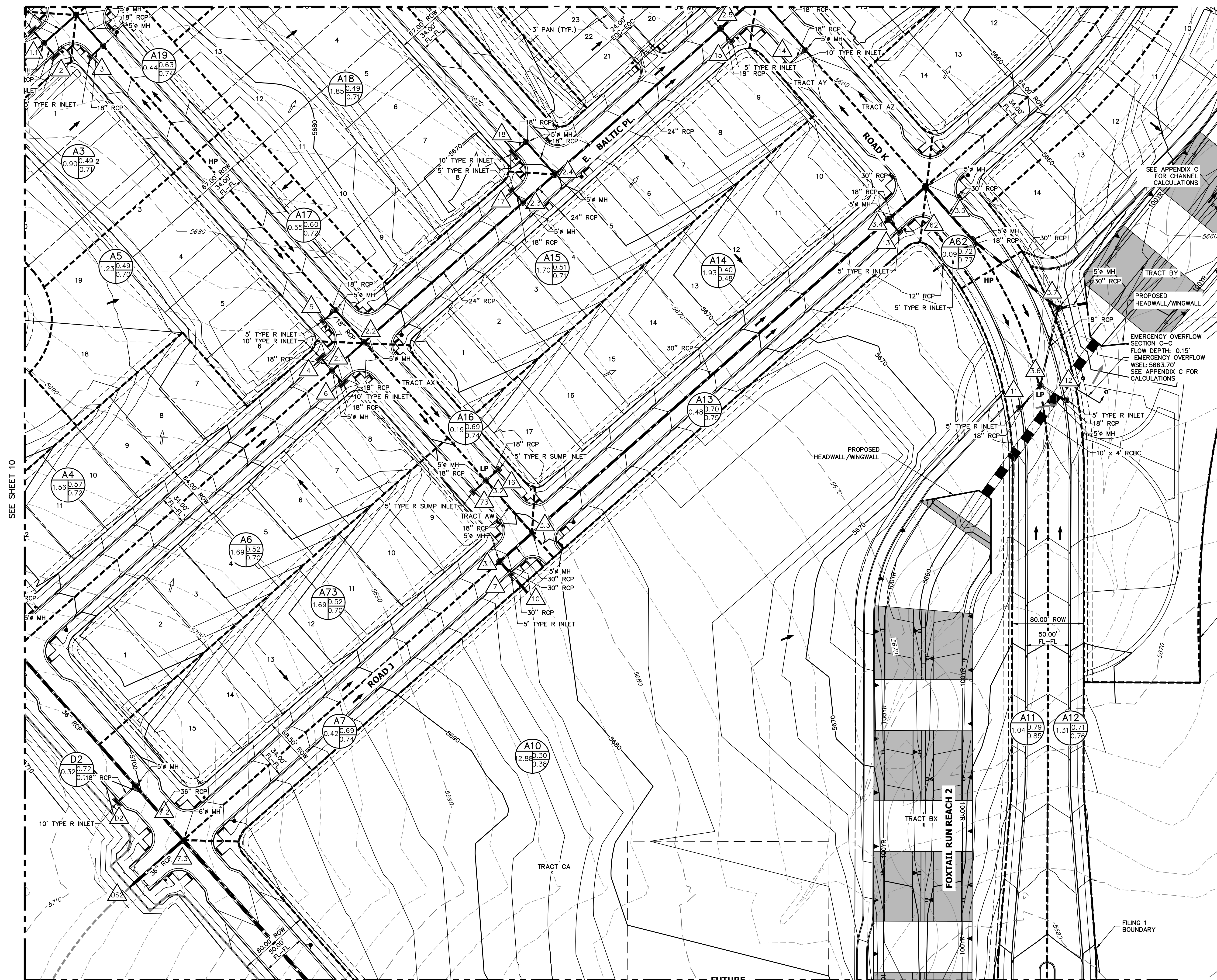


PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 9 OF 19



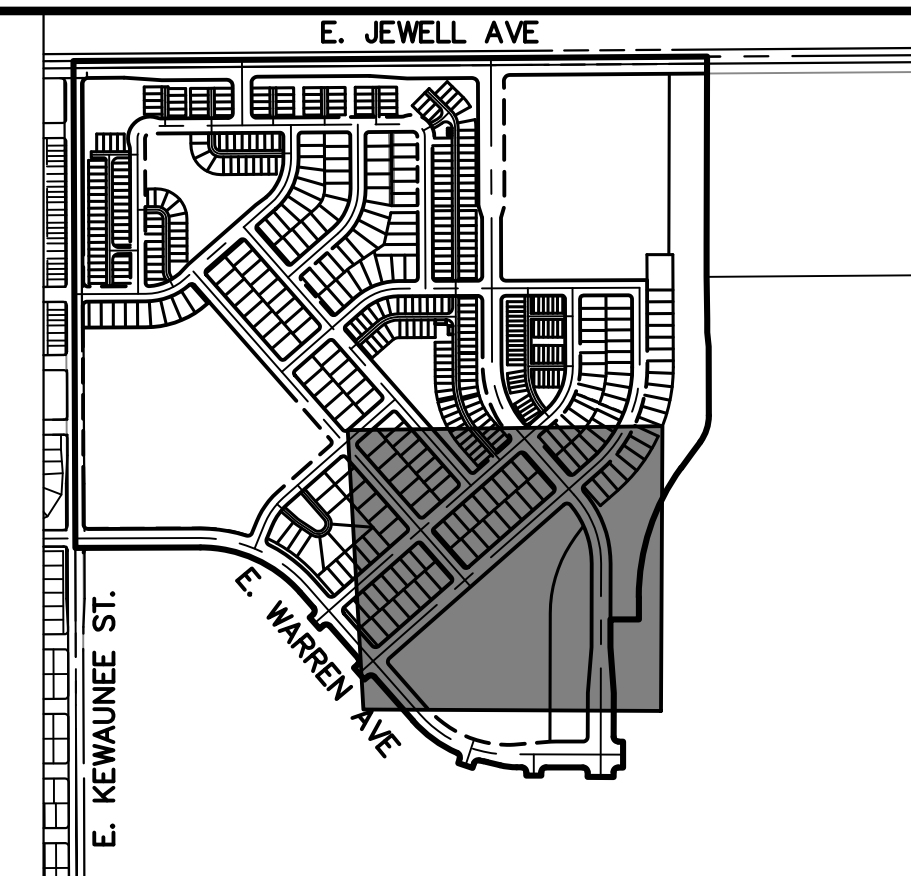
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Fort Collins 970-491-9888 • www.jrengineering.com

SEE SHEET 7



SEE SHEET 10

SEE SHEET 12

**KEY MAP**

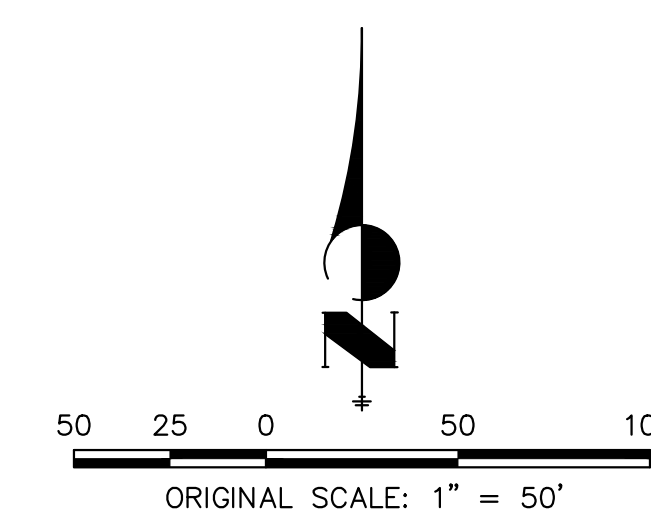
SCALE: 1"=400'



Know what's below.
Call before you dig.

LEGEND:

- EXISTING STORM SEWER
- - - PROPOSED STORM SEWER
- 6100 PROPOSED MAJOR CONTOUR
- 6100 PROPOSED MINOR CONTOUR
- 6100 EXISTING MAJOR CONTOUR
- 6100 EXISTING MINOR CONTOUR
- DRAINAGE BASIN
- DRAINAGE OFFSITE BASIN
- A = BASIN DESIGNATION
- B = AREA IN ACRES
- C = 2-YR RUNOFF COEFFICIENT
- D = 100-YR RUNOFF COEFFICIENT
- △ DESIGN POINT
- HP HIGH POINT
- LP LOW POINT
- DRAINAGE ARROW
- EXISTING DRAINAGE ARROW
- EMERGENCY OVERFLOW PATH
- - - PROPOSED DRAINAGE SWALE
- EXISTING 100YR FLOODPLAIN
- EXISTING FLOODWAY

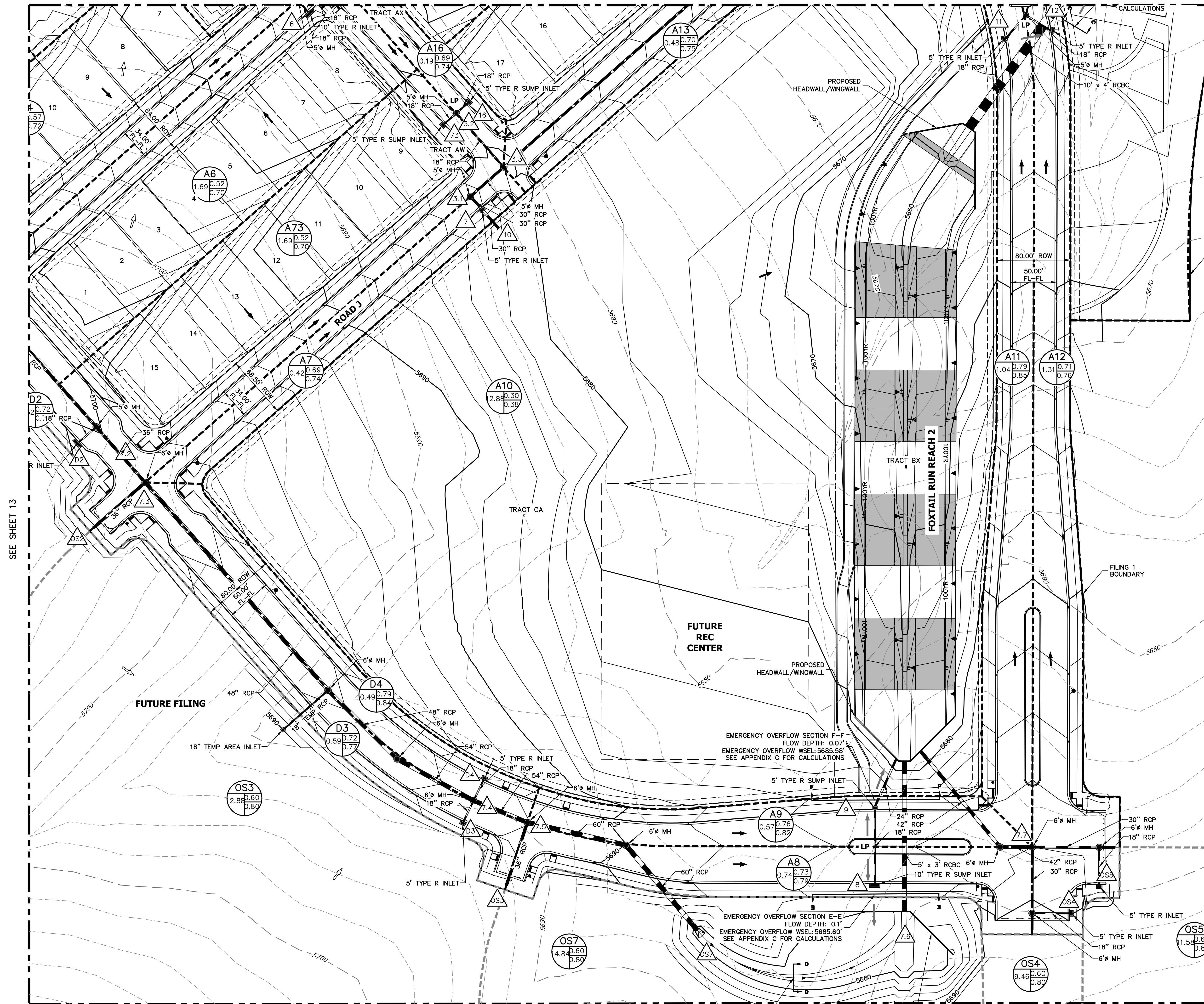


PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 11 OF 19

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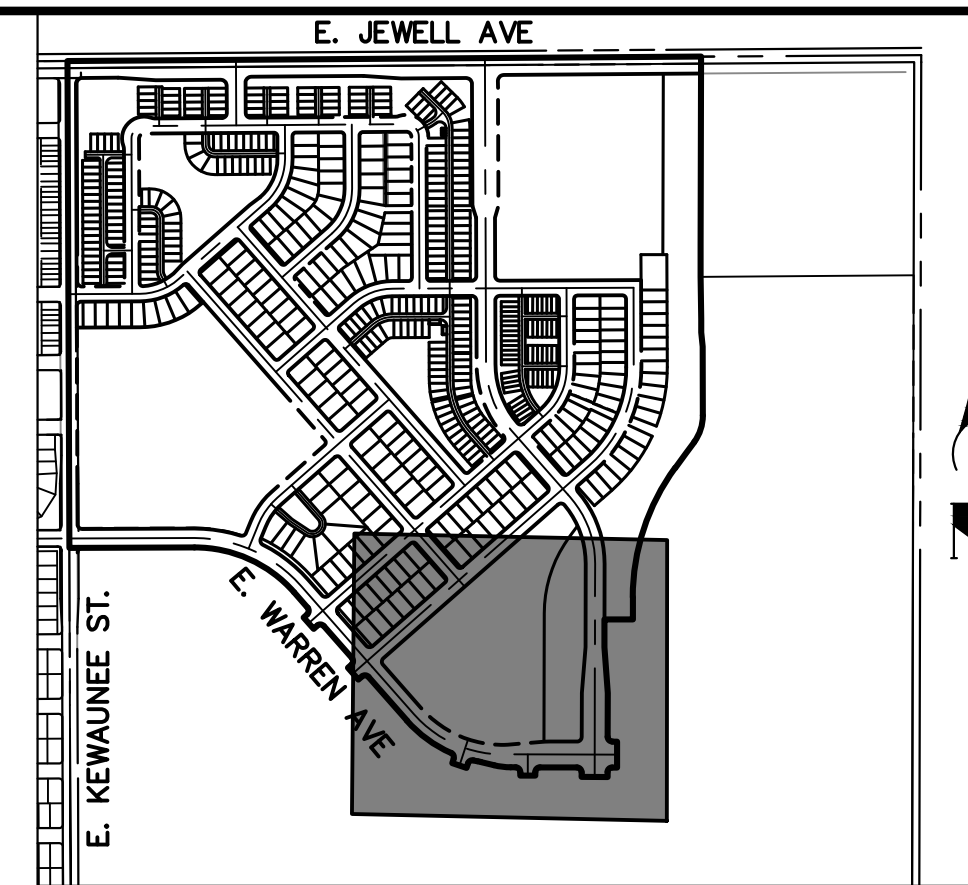
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SEE SHEET 8



SEE SHEET 14

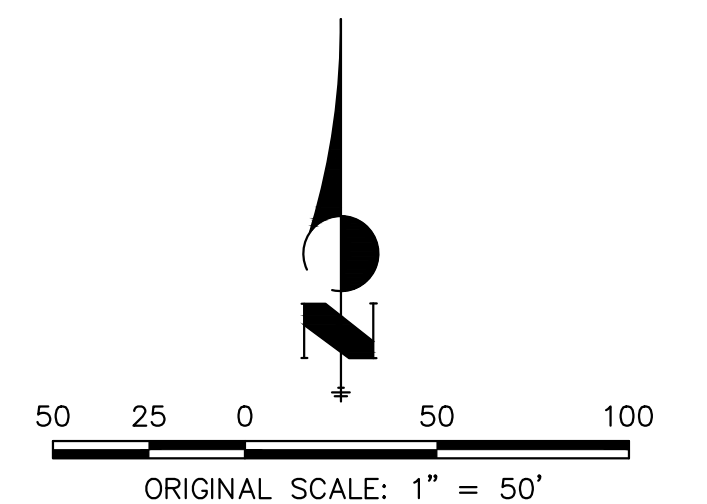
SEE SHEET 15

**KEY MAP**

SCALE: 1"=400'

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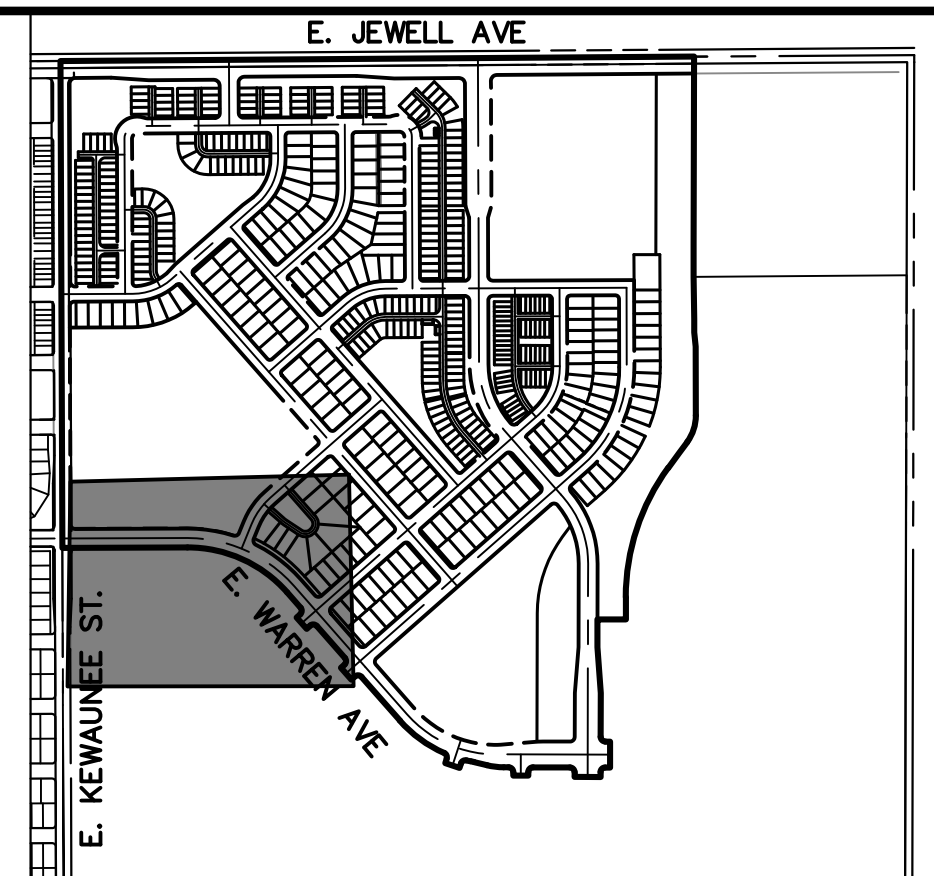
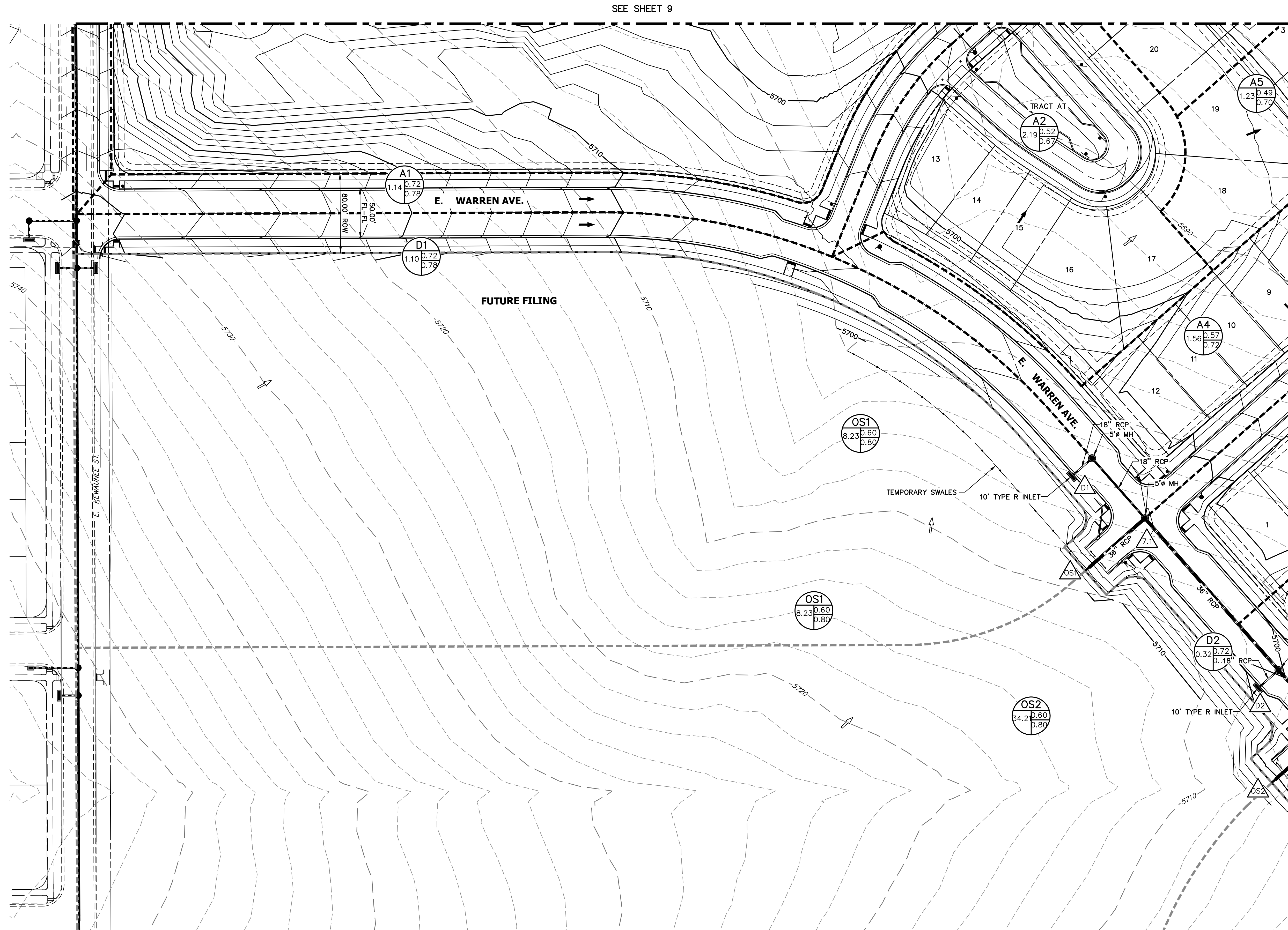
- EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - 6100 PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - 6100 EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - DRAINAGE BASIN
 - DRAINAGE OFFSITE BASIN
- A = BASIN DESIGNATION
 B = AREA IN ACRES
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 D = 100-YR RUNOFF COEFFICIENT
- △ DESIGN POINT
 - HP HIGH POINT
 - LP LOW POINT
 - DRAINAGE ARROW
 - EXISTING DRAINAGE ARROW
 - EMERGENCY OVERFLOW PATH
 - PROPOSED DRAINAGE SWALE
 - EXISTING 100YR FLOODPLAIN
 - EXISTING FLOODWAY



PRELIMINARY DRAINAGE PLAN
 FOUNDRY FILING NO. 1
 JOB NO. 16146.00
 06/14/23
 SHEET 12 OF 19



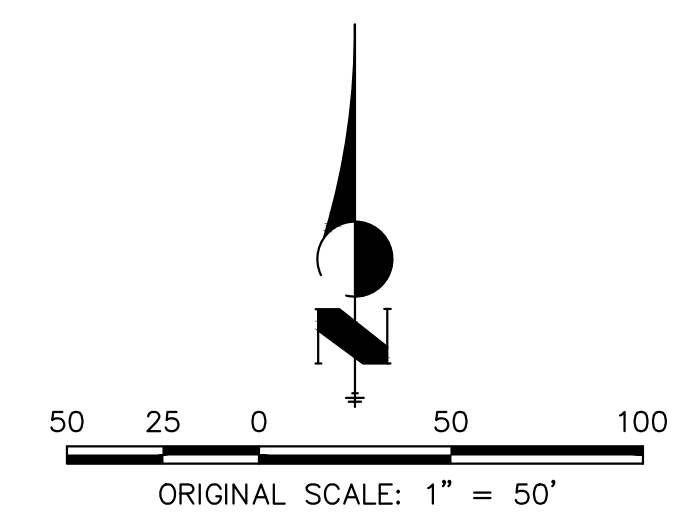
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KEY MAP
SCALE: 1"=400'



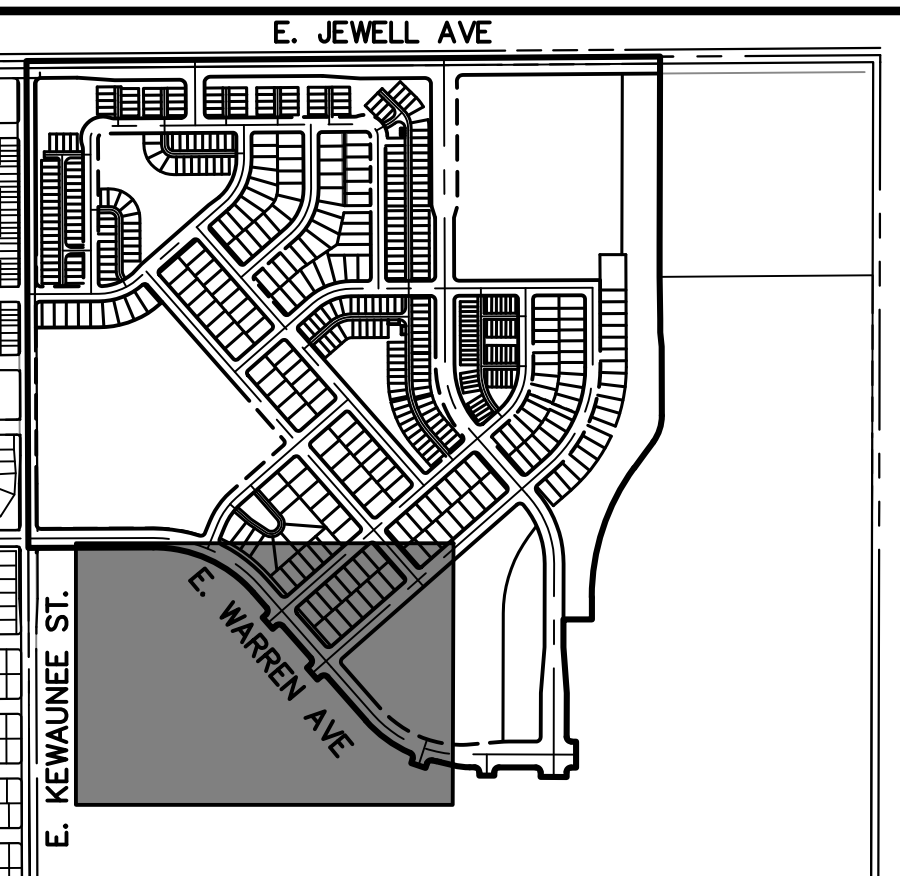
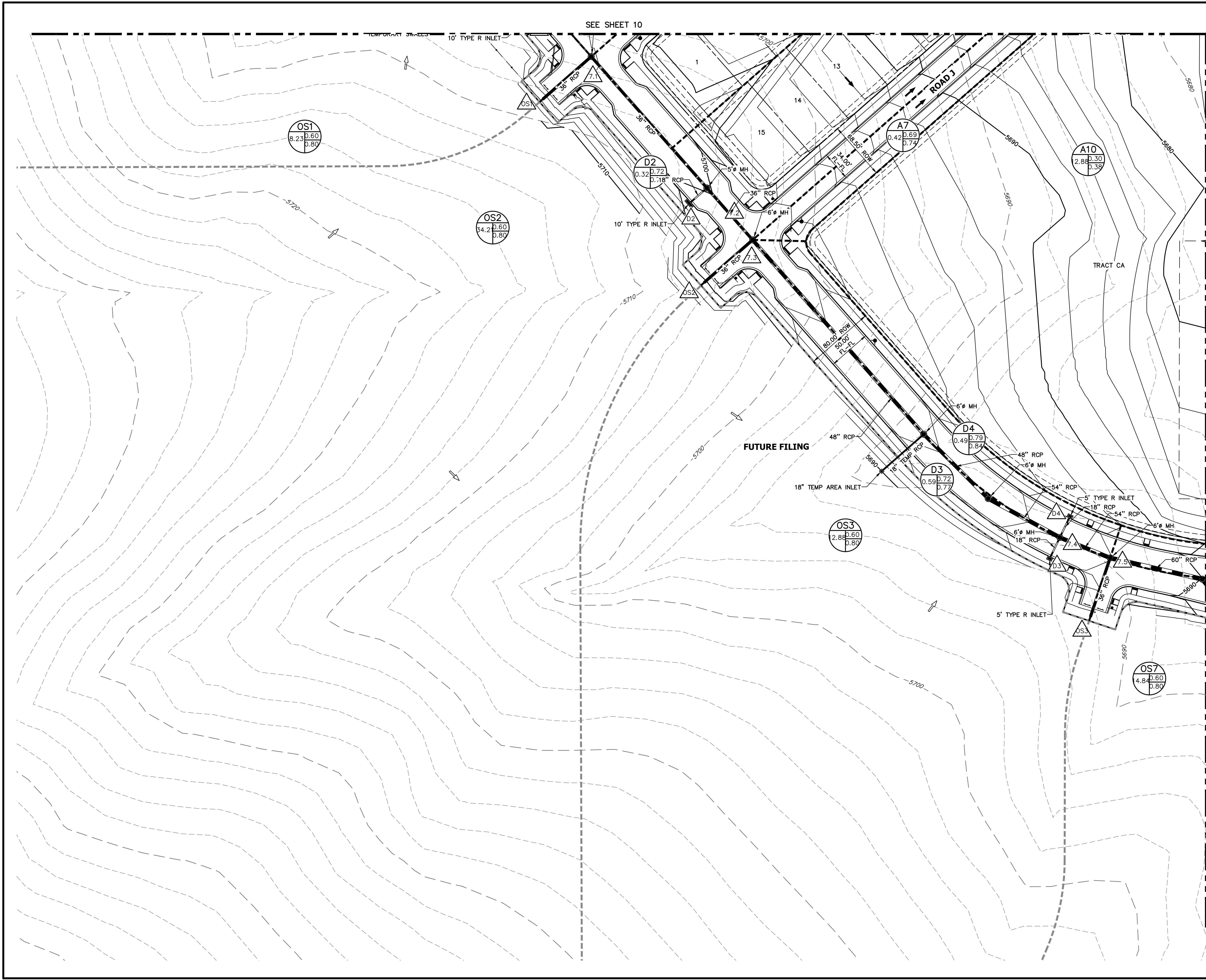
- LEGEND:**
- EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - DRAINAGE BASIN
 - DRAINAGE OFFSITE BASIN
 - A = BASIN DESIGNATION
 - B = AREA IN ACRES
 - C = 2-YR RUNOFF COEFFICIENT
 - D = 100-YR RUNOFF COEFFICIENT
 - DESIGN POINT
 - HIGH POINT
 - LOW POINT
 - DRAINAGE ARROW
 - EXISTING DRAINAGE ARROW
 - EMERGENCY OVERFLOW PATH
 - PROPOSED DRAINAGE SWALE
 - EXISTING 100YR FLOODPLAIN
 - EXISTING FLOODWAY



PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 13 OF 19



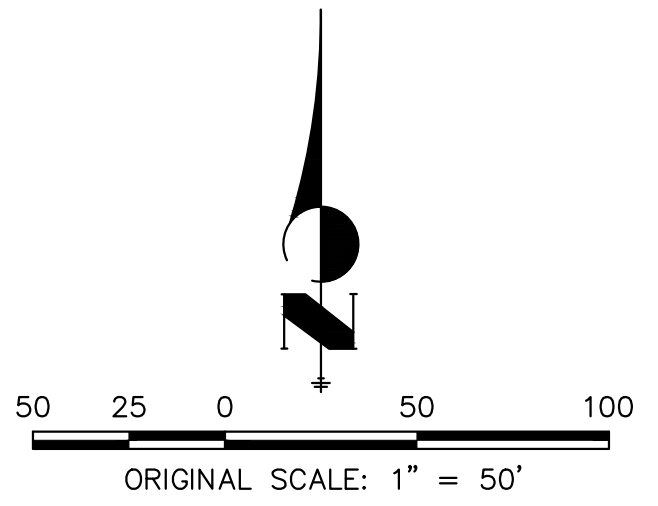
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KEY MAP
SCALE: 1"=400'



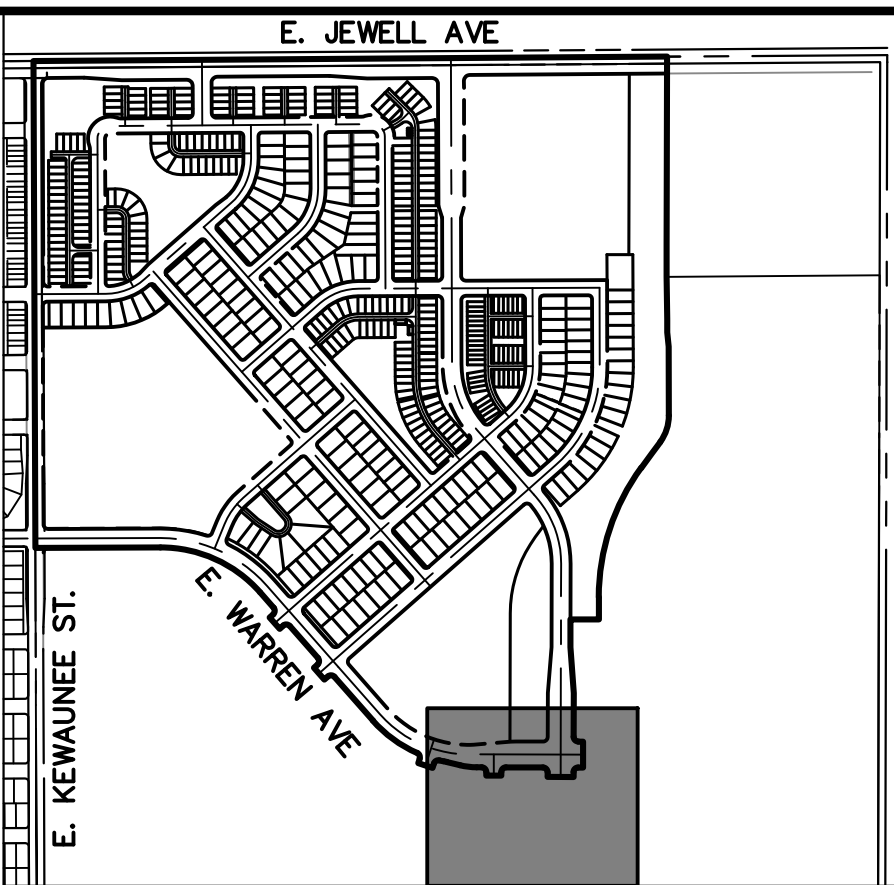
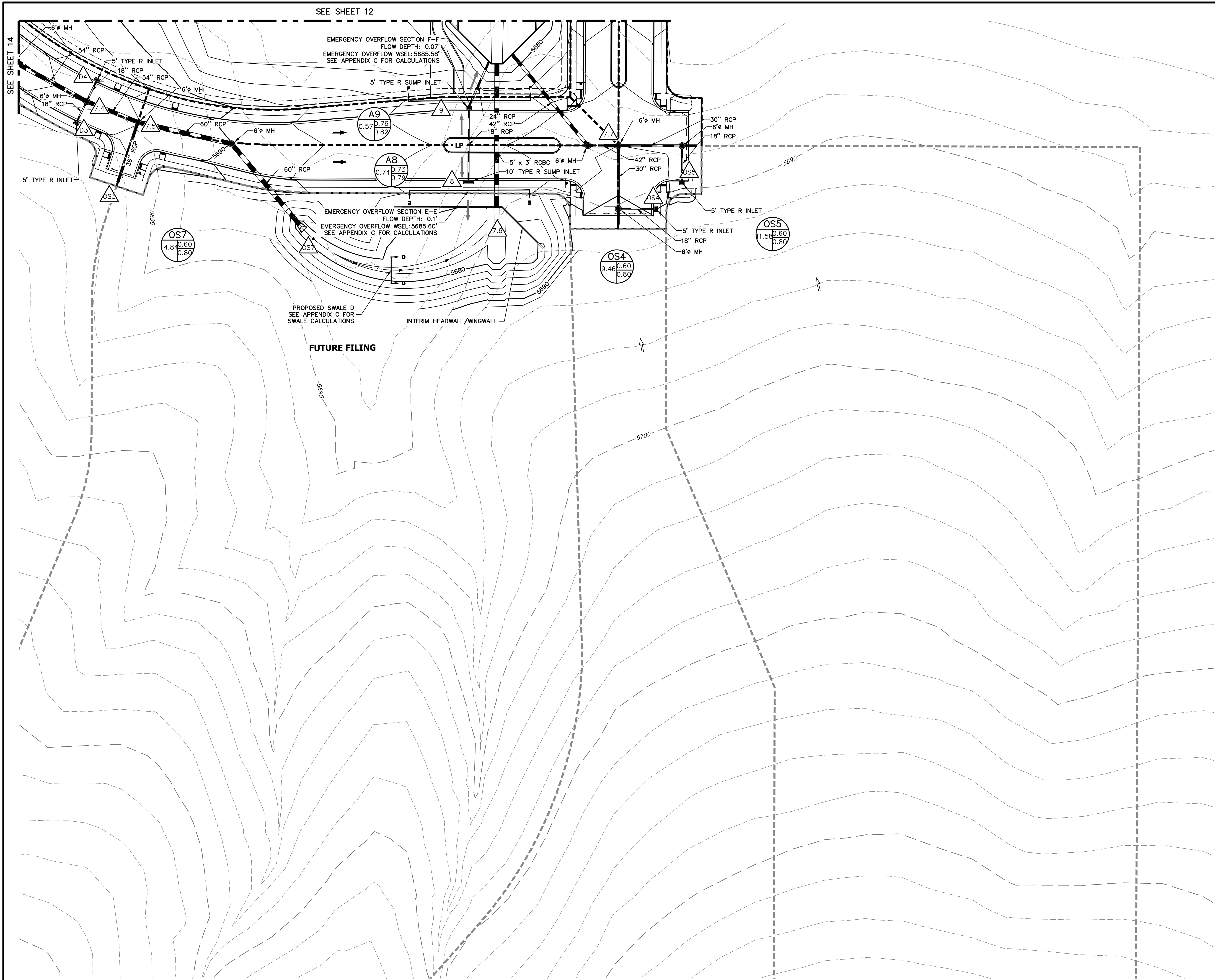
- LEGEND:**
- EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - DRAINAGE BASIN
 - DRAINAGE OFFSITE BASIN
 - A = BASIN DESIGNATION
 - B = AREA IN ACRES
 - C = 2-YR RUNOFF COEFFICIENT
 - D = 100-YR RUNOFF COEFFICIENT
 - DESIGN POINT
 - HIGH POINT
 - LOW POINT
 - DRAINAGE ARROW
 - EXISTING DRAINAGE ARROW
 - EMERGENCY OVERFLOW PATH
 - PROPOSED DRAINAGE SWALE
 - EXISTING 100YR FLOODPLAIN
 - EXISTING FLOODWAY



PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 14 OF 19



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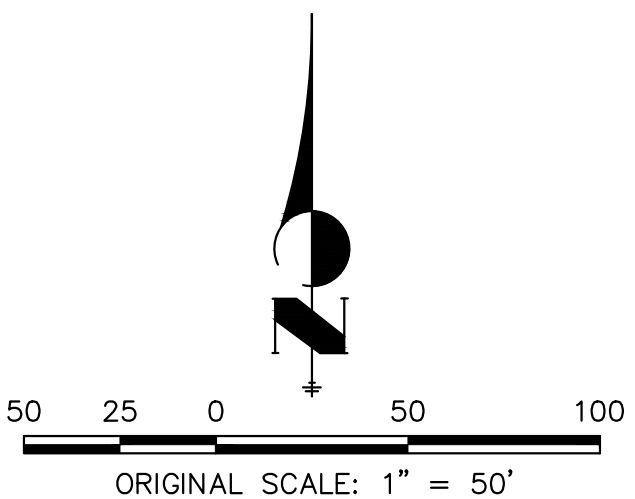
KEY MAP

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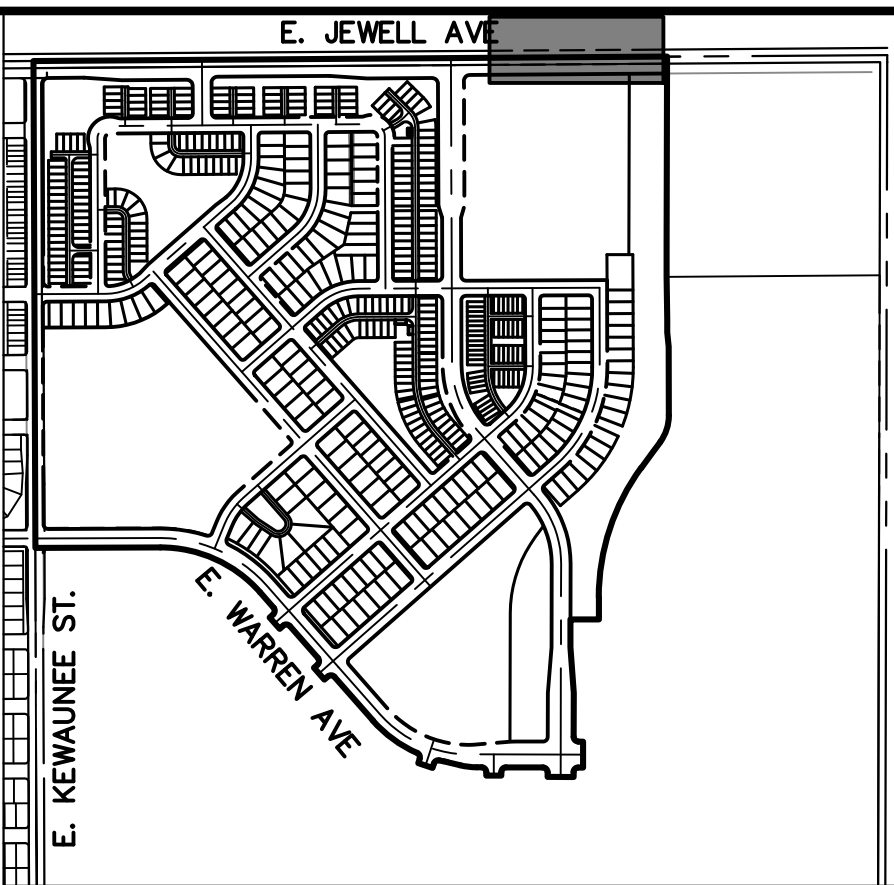
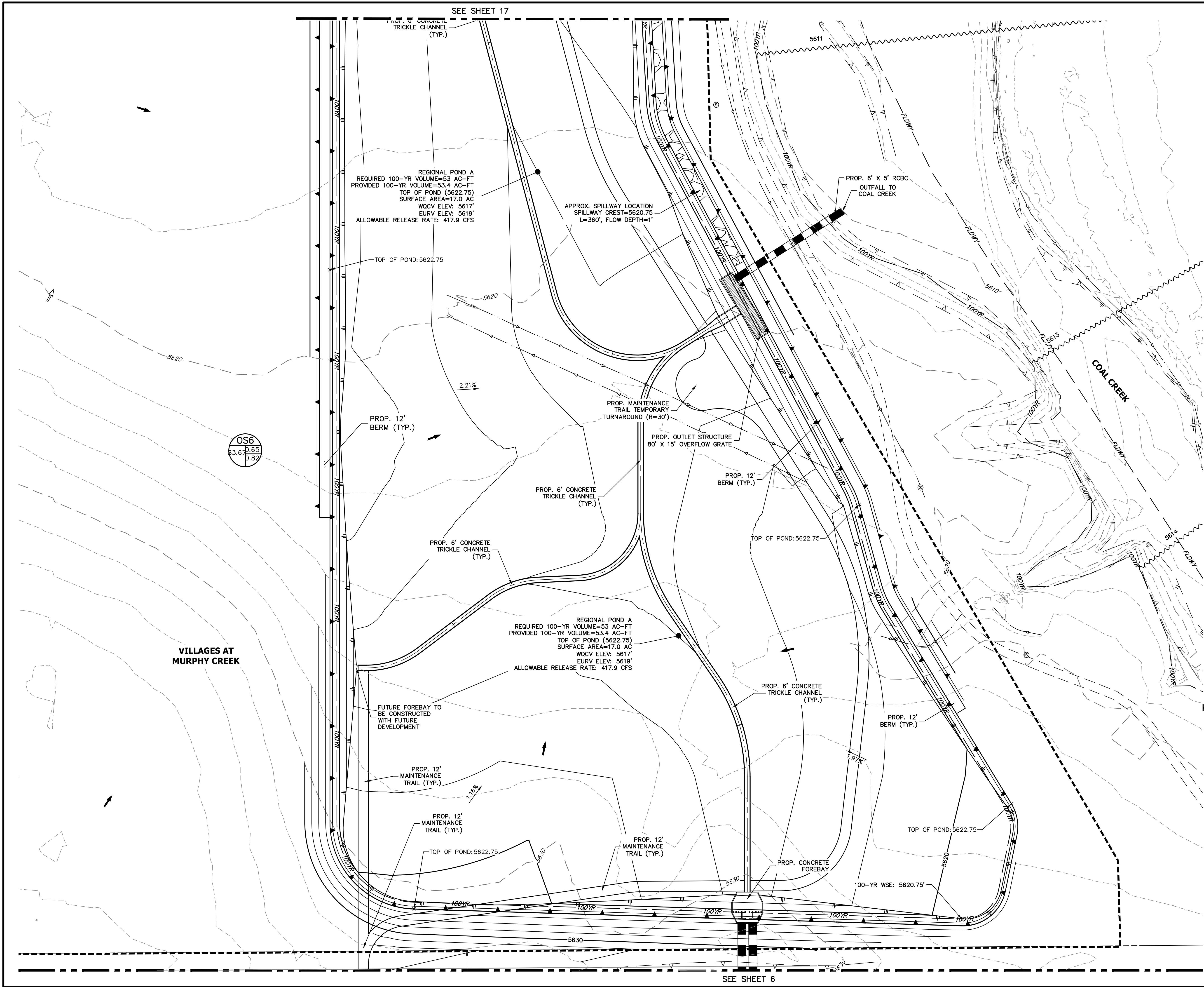
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- 6100 PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- 6100 EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- DRAINAGE BASIN
- DRAINAGE OFFSITE BASIN
- A = BASIN DESIGNATION
B = AREA IN ACRES
C = 2-YR RUNOFF COEFFICIENT
D = 100-YR RUNOFF COEFFICIENT
- DESIGN POINT
- HP HIGH POINT
- LP LOW POINT
- DRAINAGE ARROW
- EXISTING DRAINAGE ARROW
- EMERGENCY OVERFLOW PATH
- PROPOSED DRAINAGE SWALE
- EXISTING 100YR FLOODPLAIN
- EXISTING FLOODWAY



PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 15 OF 19



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KEY MAP

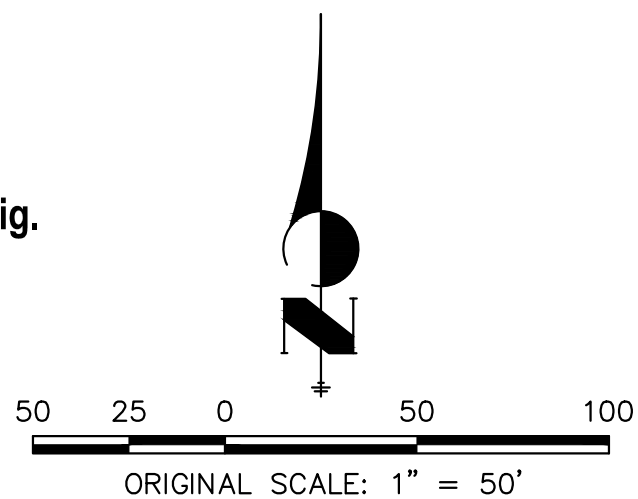
SCALE: 1"=400'

FLOODPLAIN NOTES:

- FEMA FLOODPLAIN INFORMATION: FIRM PANAL E08005C0216M, DATED OCTOBER 2020
- FLOODPLAIN LIMITS AND BFE'S FROM 2010 FHAD STUDY FOR SAND COAL CREEK, PROVIDED BY MILE HIGH FLOOD DISTRICT
- APPLICANT UNDERSTANDS THAT CONSTRUCTION OR GRADING IN THE 100YR FLOODPLAIN REQUIRES FLOODPLAIN DEVELOPMENT PERMIT, WHICH MUST BE OBTAINED PRIOR TO GRADING OR CONSTRUCTION CAN COMMENCE

LEGEND:

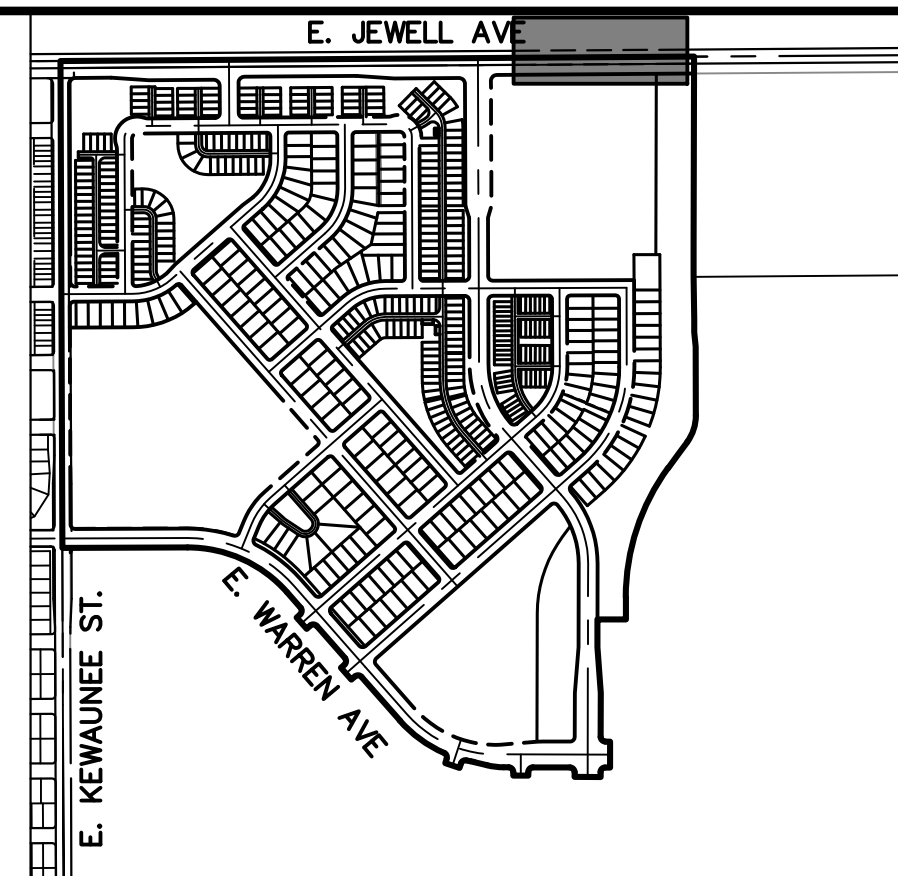
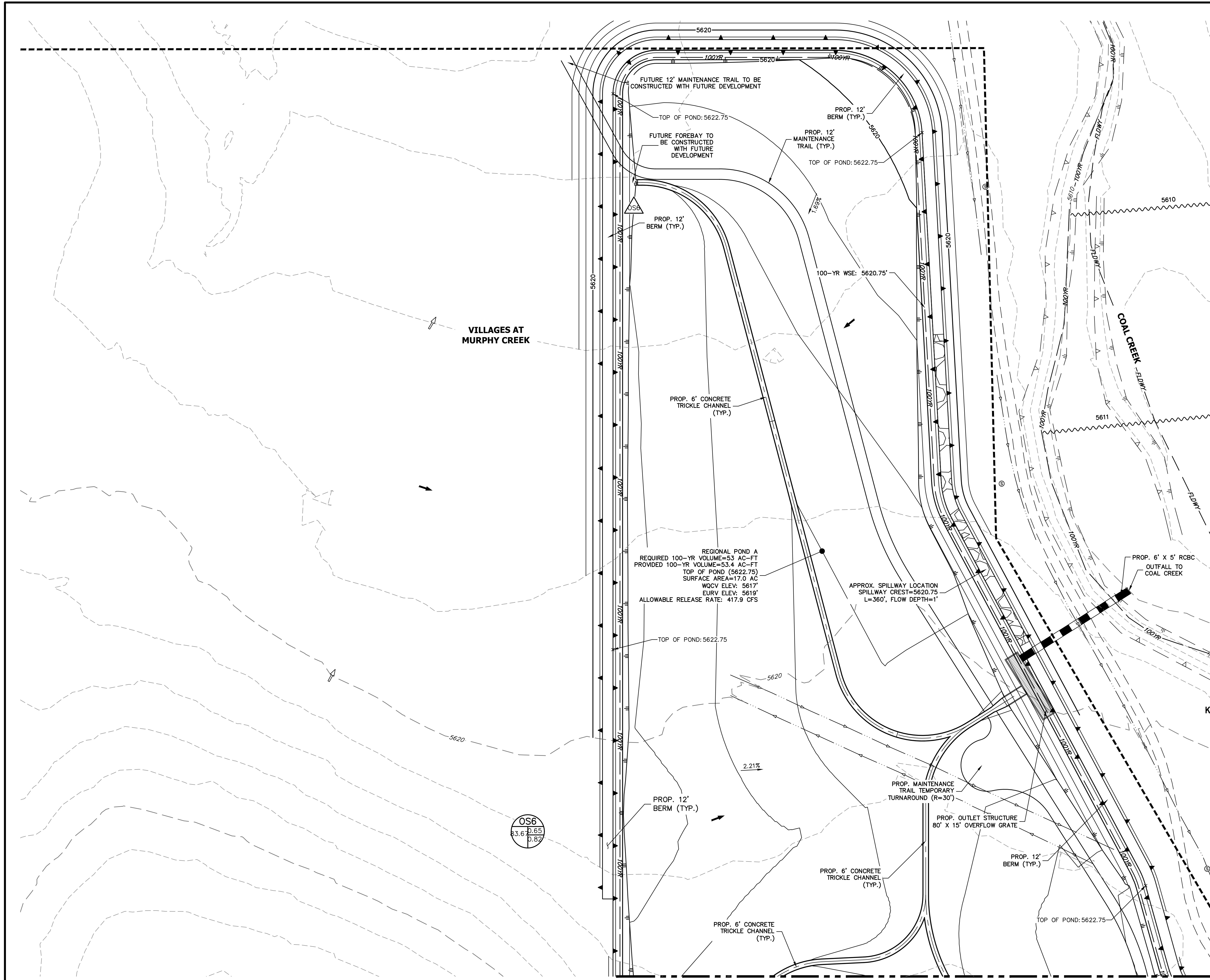
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- 6100 PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- 6100 EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- DRAINAGE BASIN
- DRAINAGE OFFSITE BASIN
- A = BASIN DESIGNATION
- B = AREA IN ACRES
- C = 2-YR RUNOFF COEFFICIENT
- D = 100-YR RUNOFF COEFFICIENT
- DESIGN POINT
- HIP
- LOW POINT
- DRAINAGE ARROW
- EXISTING DRAINAGE ARROW
- EMERGENCY OVERFLOW PATH
- PROPOSED DRAINAGE SWALE
- EXISTING 100YR FLOODPLAIN
- EXISTING FLOODWAY



PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 16 OF 19

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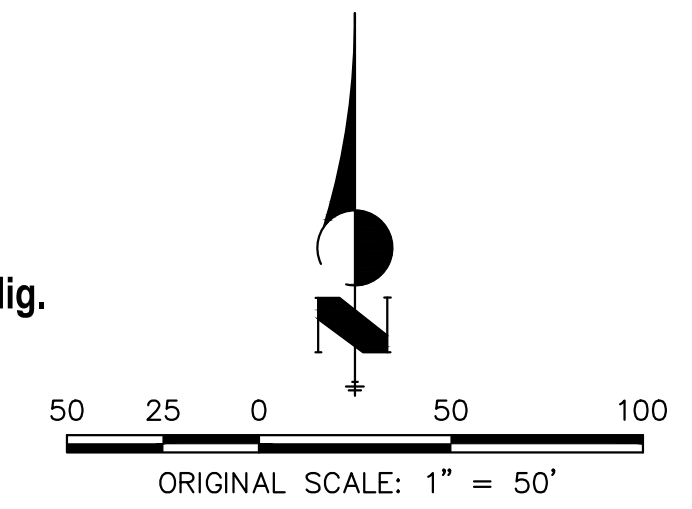


KEY MAP
SCALE: 1"=400'

FLOODPLAIN NOTES:

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- FLOODPLAIN LIMITS AND BFE'S FROM 2010 FHAD STUDY FOR SAND/COAL CREEK. PROVIDED BY MILE HIGH FLOOD DISTRICT
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- LEGEND:**
- EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - 6100 PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - 6100 EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - DRAINAGE BASIN
 - DRAINAGE OFFSITE BASIN
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 - DESIGN POINT
 - HIGH POINT
 - LOW POINT
 - DRAINAGE ARROW
 - EXISTING DRAINAGE ARROW
 - EMERGENCY OVERFLOW PATH
 - PROPOSED DRAINAGE SWALE
 - EXISTING 100YR FLOODPLAIN
 - EXISTING FLOODWAY

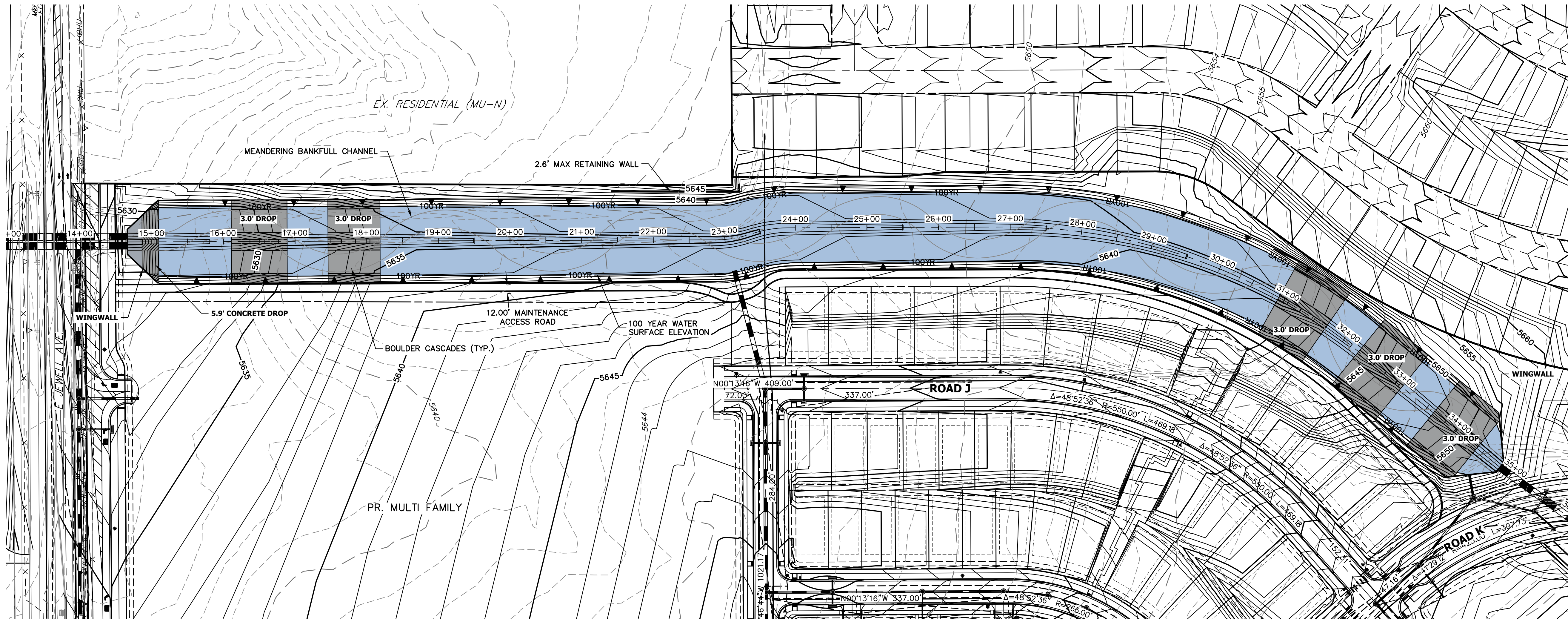


PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 17 OF 19

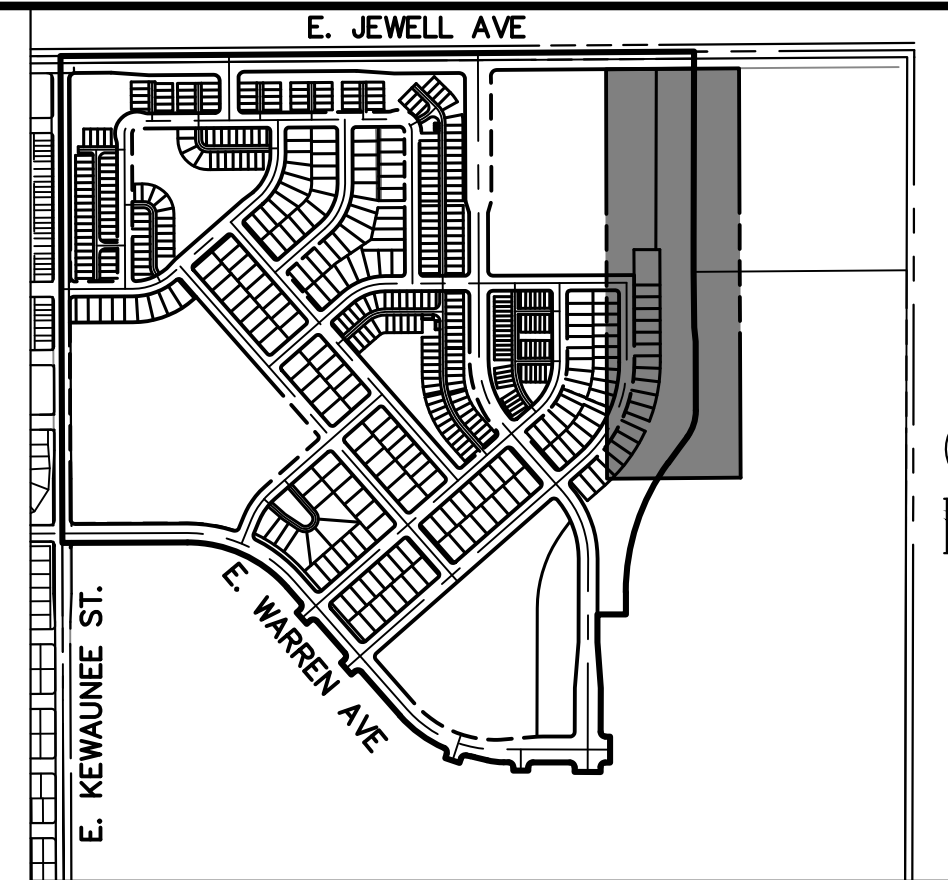
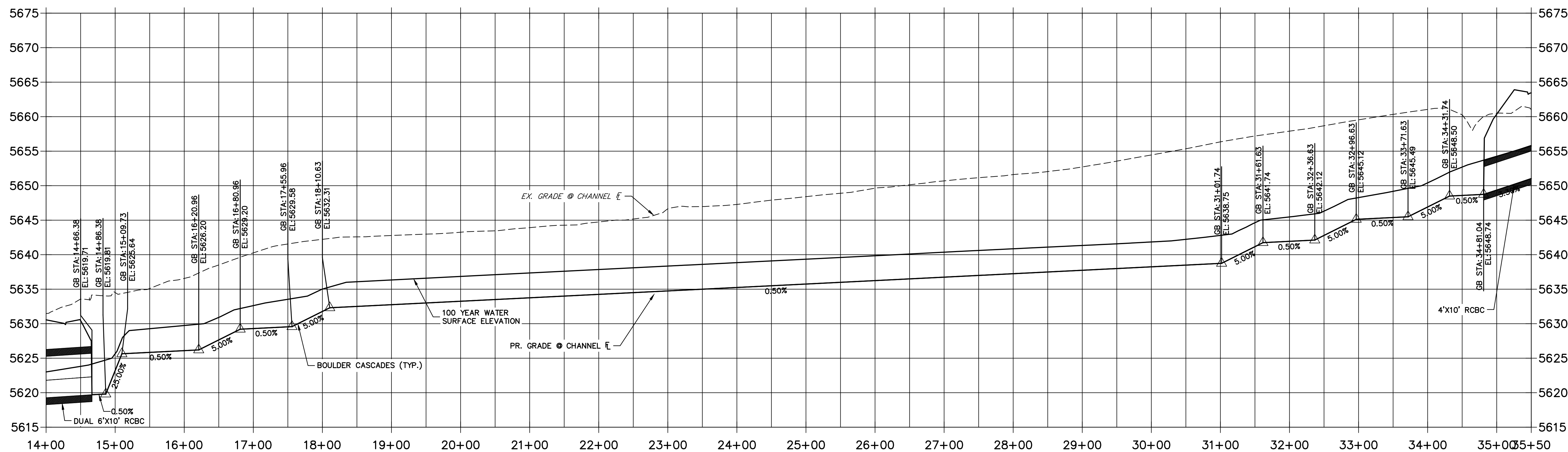


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SEE SHEET 16



FOX TAIL RUN CL PROFILE REACH 1
STA 14+00.00 TO 35+50.00



KEY MAP

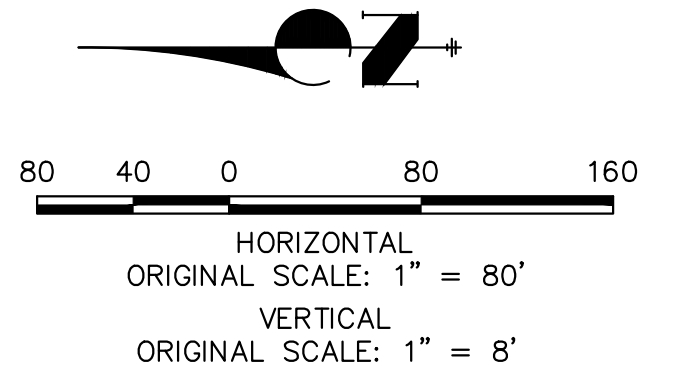
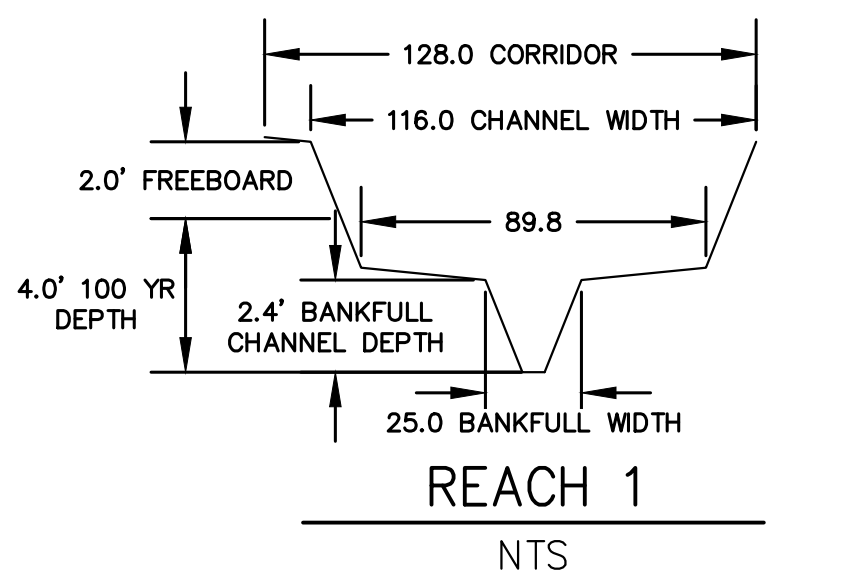
SCALE: 1"=400'

FLOODPLAIN NOTES:

- FEMA FLOODPLAIN INFORMATION: FIRM PANEL E08005C0216M, DATED OCTOBER 2020
- FLOODPLAIN LIMITS AND BFE'S FROM 2010 FHAD STUDY FOR SAND COAL CREEK, PROVIDED BY MILE HIGH FLOOD DISTRICT
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LEGEND:

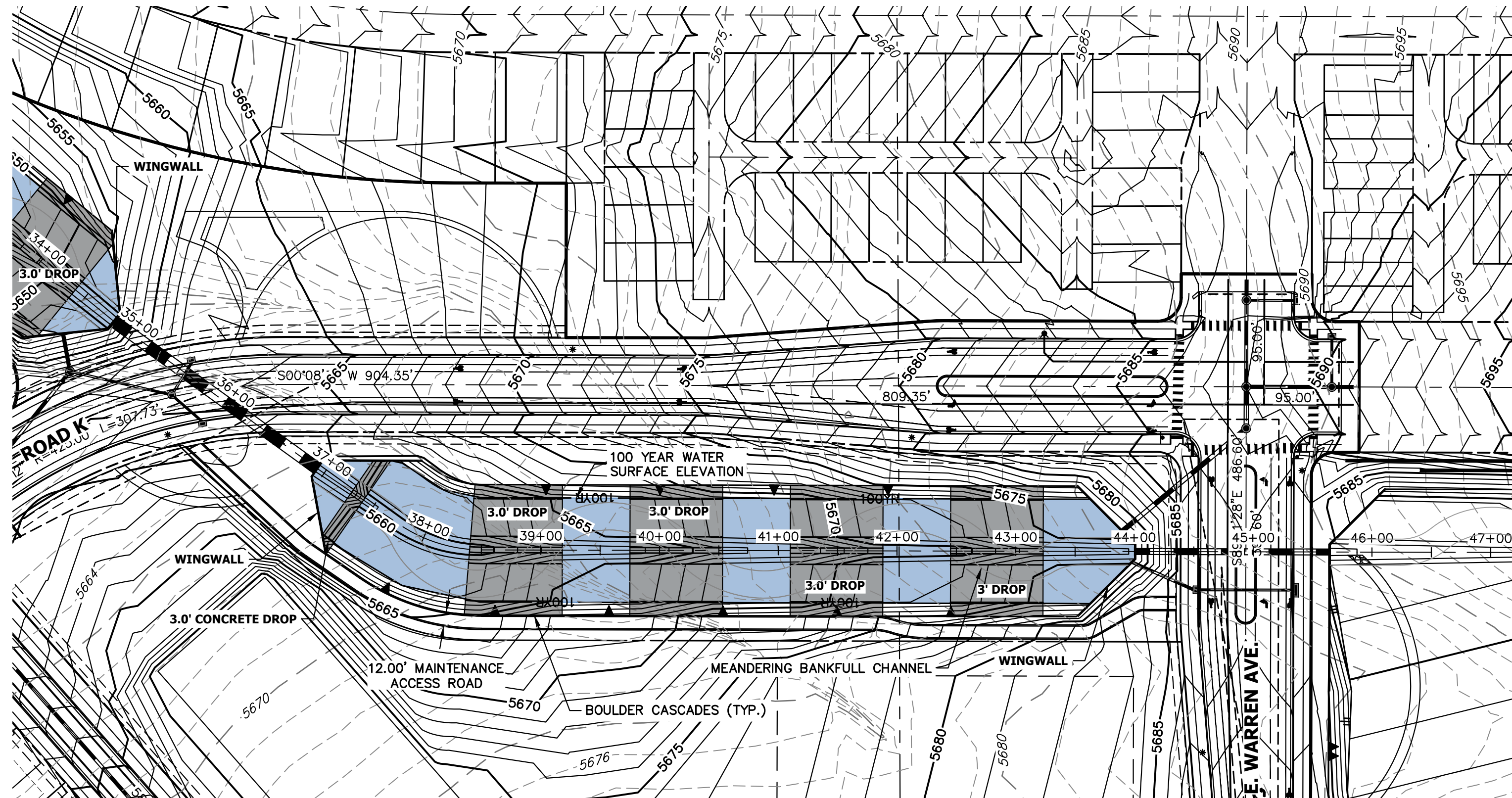
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- DRAINAGE BASIN
- DRAINAGE OFFSITE BASIN
- A = BASIN DESIGNATION
- B = AREA IN ACRES
- C = 2-YR RUNOFF COEFFICIENT
- D = 100-YR RUNOFF COEFFICIENT
- DESIGN POINT
- HIGH POINT
- LOW POINT
- DRAINAGE ARROW
- EXISTING DRAINAGE ARROW
- EMERGENCY OVERFLOW PATH
- PROPOSED DRAINAGE SWALE
- EXISTING 100YR FLOODPLAIN
- EXISTING FLOODWAY



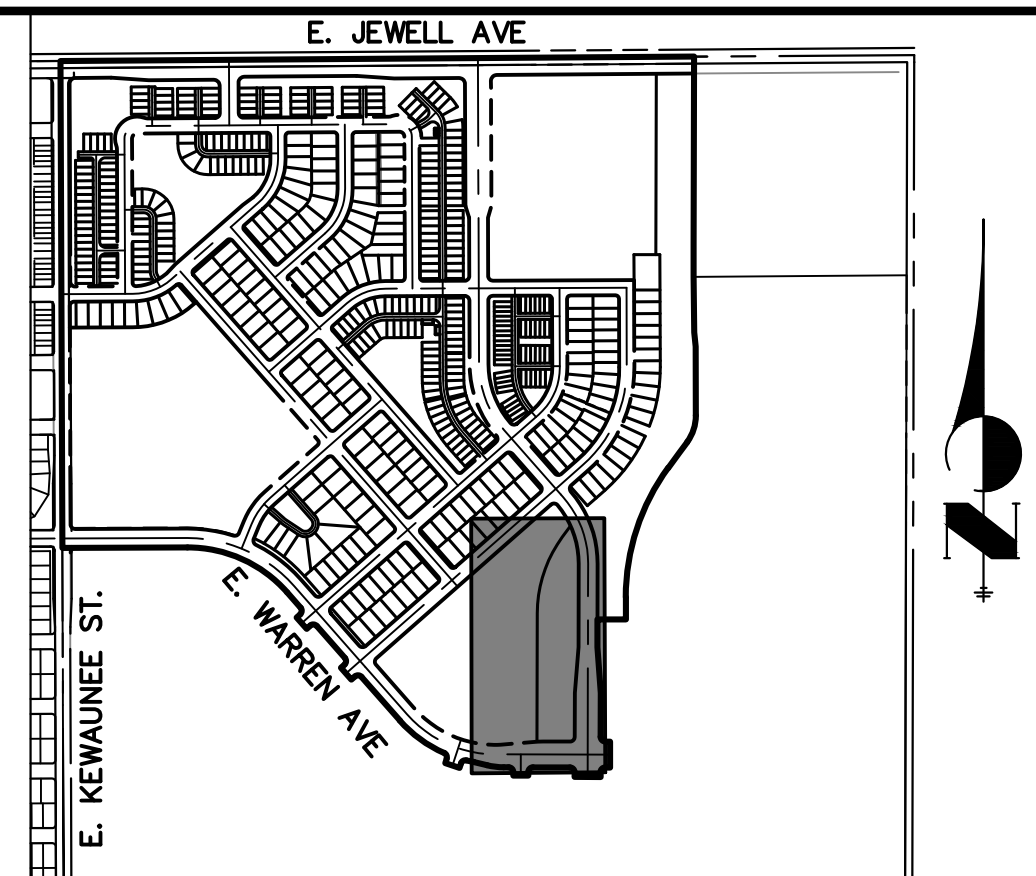
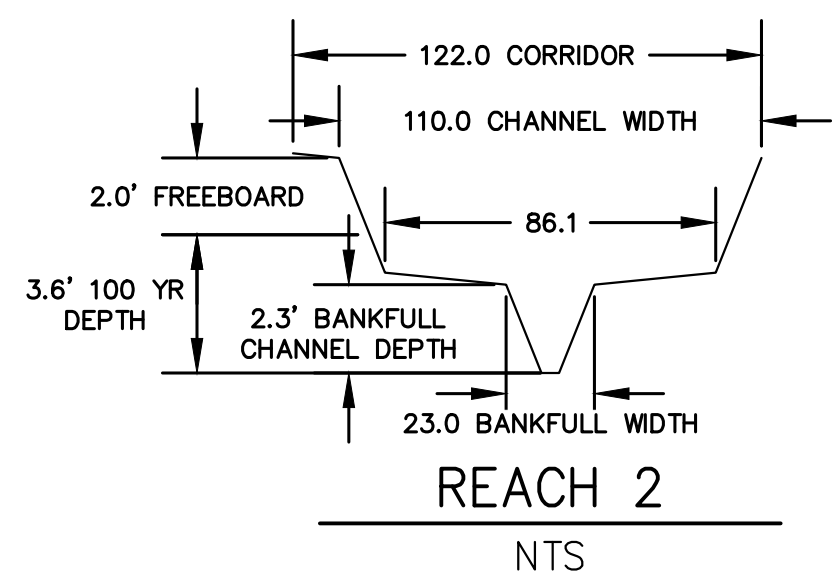
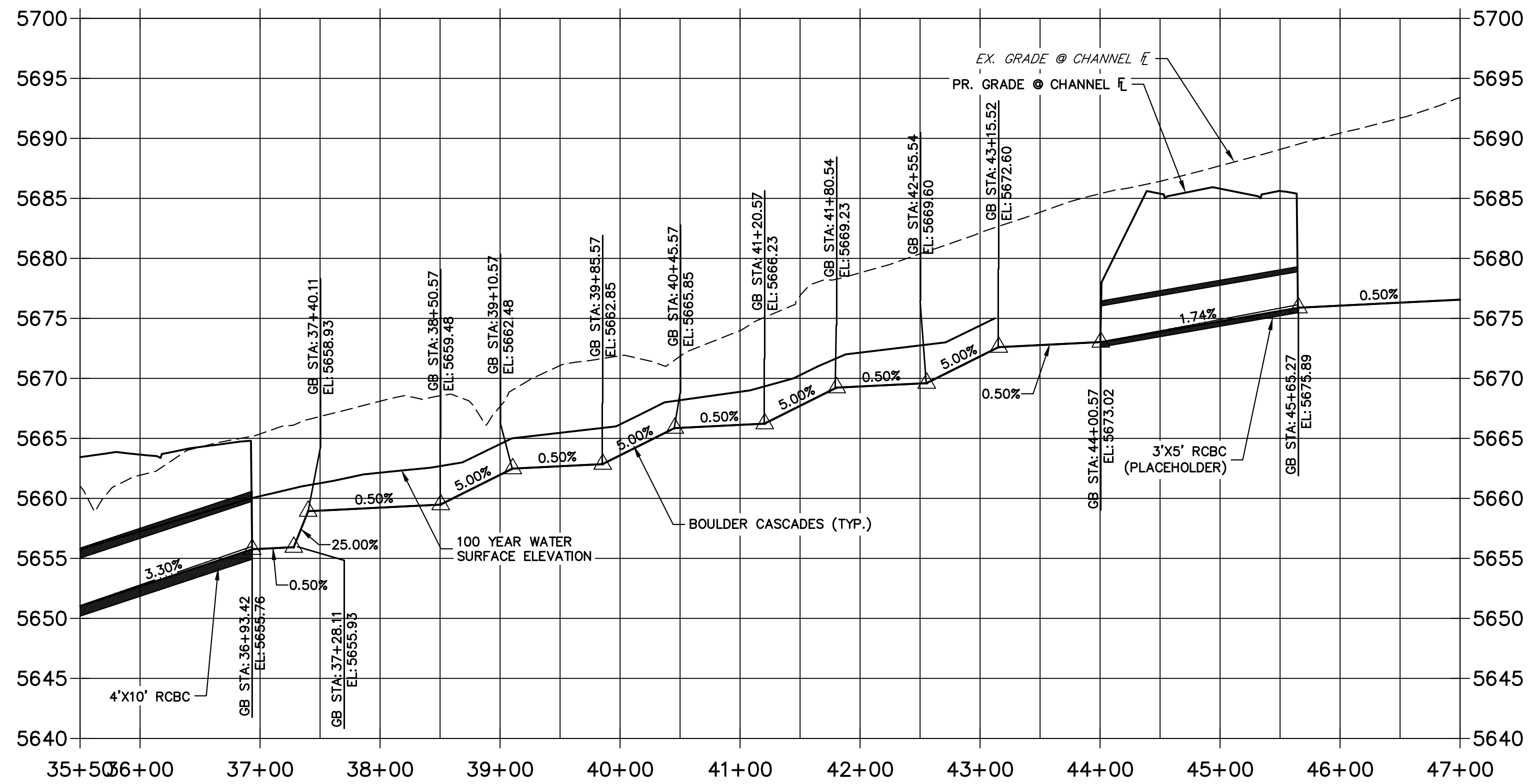
PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 18 OF 19

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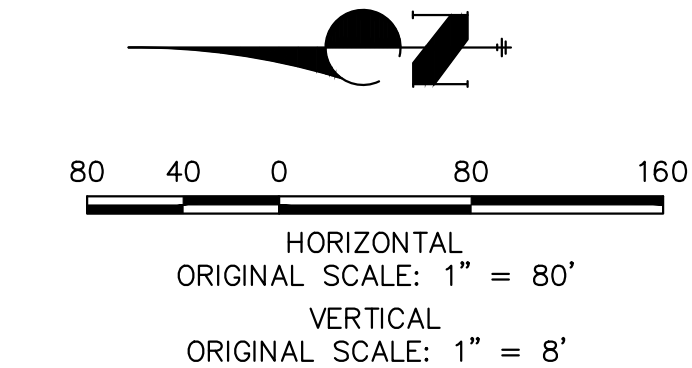
FOX TAIL RUN CL PROFILE REACH 2
STA 35+50.00 TO 47+00.00



KEY MAP
SCALE: 1"=400'

- FLOODPLAIN NOTES:**
- FEMA FLOODPLAIN INFORMATION: FIRM PANAL E08005C0216M, DATED OCTOBER 2020
 - FLOODPLAIN LIMITS AND BFE'S FROM 2010 FHAD STUDY FOR SAND COAL CREEK, PROVIDED BY MILE HIGH FLOOD DISTRICT
 - APPLICANT UNDERSTANDS THAT CONSTRUCTION OR GRADING IN THE 100YR FLOODPLAIN REQUIRES FLOODPLAIN DEVELOPMENT PERMIT, WHICH MUST BE OBTAINED PRIOR TO GRADING OR CONSTRUCTION CAN COMMENCE

- LEGEND:**
- EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - DRAINAGE BASIN
 - DRAINAGE OFFSITE BASIN
 - A = BASIN DESIGNATION
 - B = AREA IN ACRES
 - C = 2-YR RUNOFF COEFFICIENT
 - D = 100-YR RUNOFF COEFFICIENT
 - DESIGN POINT
 - HIGH POINT
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 - EXISTING DRAINAGE ARROW
 - EMERGENCY OVERFLOW PATH
 - PROPOSED DRAINAGE SWALE
 - EXISTING 100YR FLOODPLAIN
 - EXISTING FLOODWAY



PRELIMINARY DRAINAGE PLAN
FOUNDRY FILING NO. 1
JOB NO. 16146.00
06/14/23
SHEET 19 OF 19