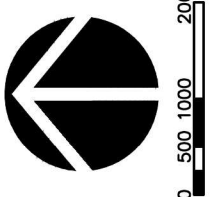


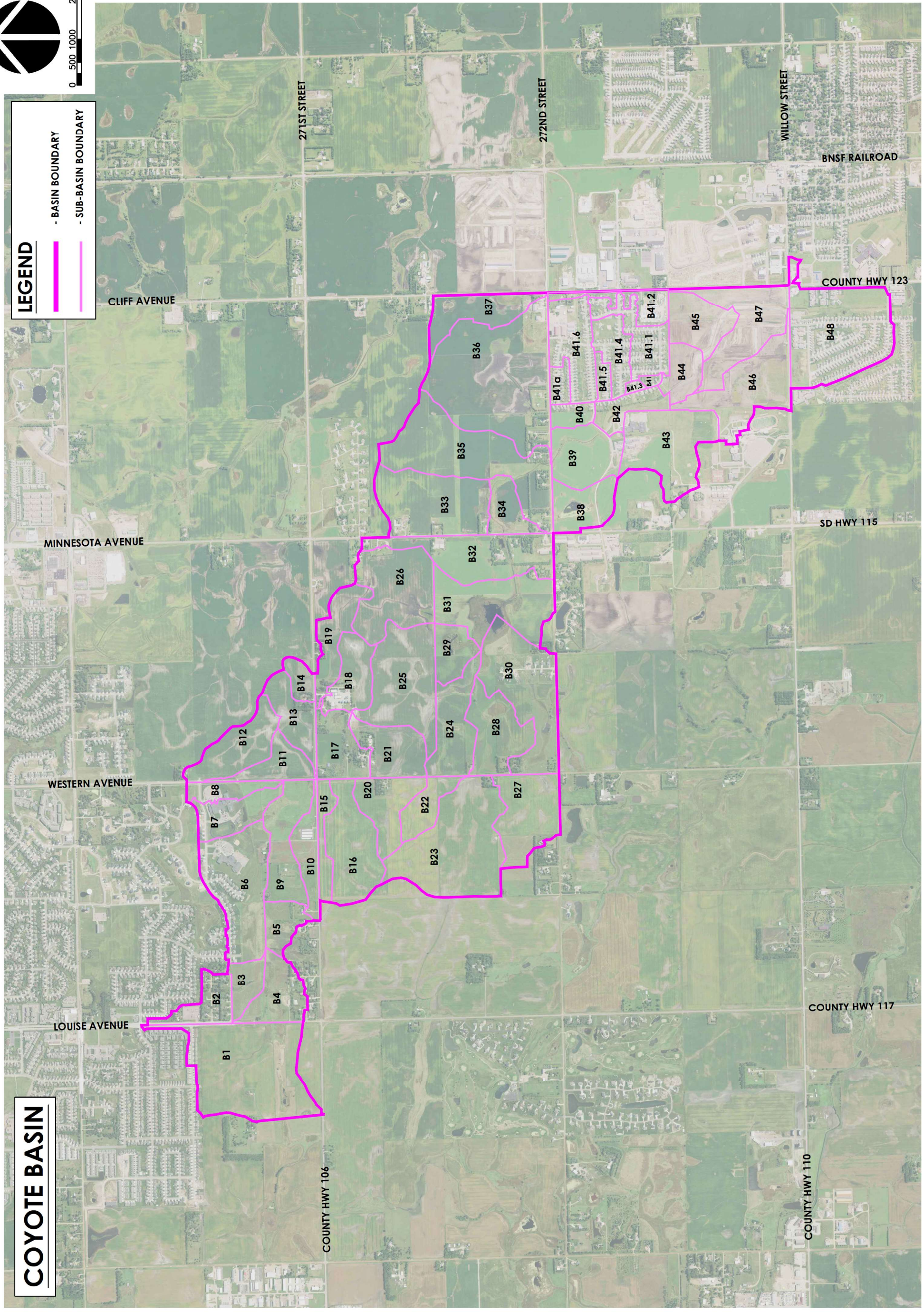


WEST HARRISBURG MASTER DRAINAGE PLAN
 COYOTE, WESTERN, HONEYDUCKLE, MINNESOTA BASINS
 HARRISBURG, SOUTH DAKOTA
 SEI PROJECT #: 18044



LEGEND

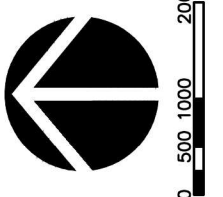
- BASIN BOUNDARY
- SUB-BASIN BOUNDARY



COYOTE BASIN

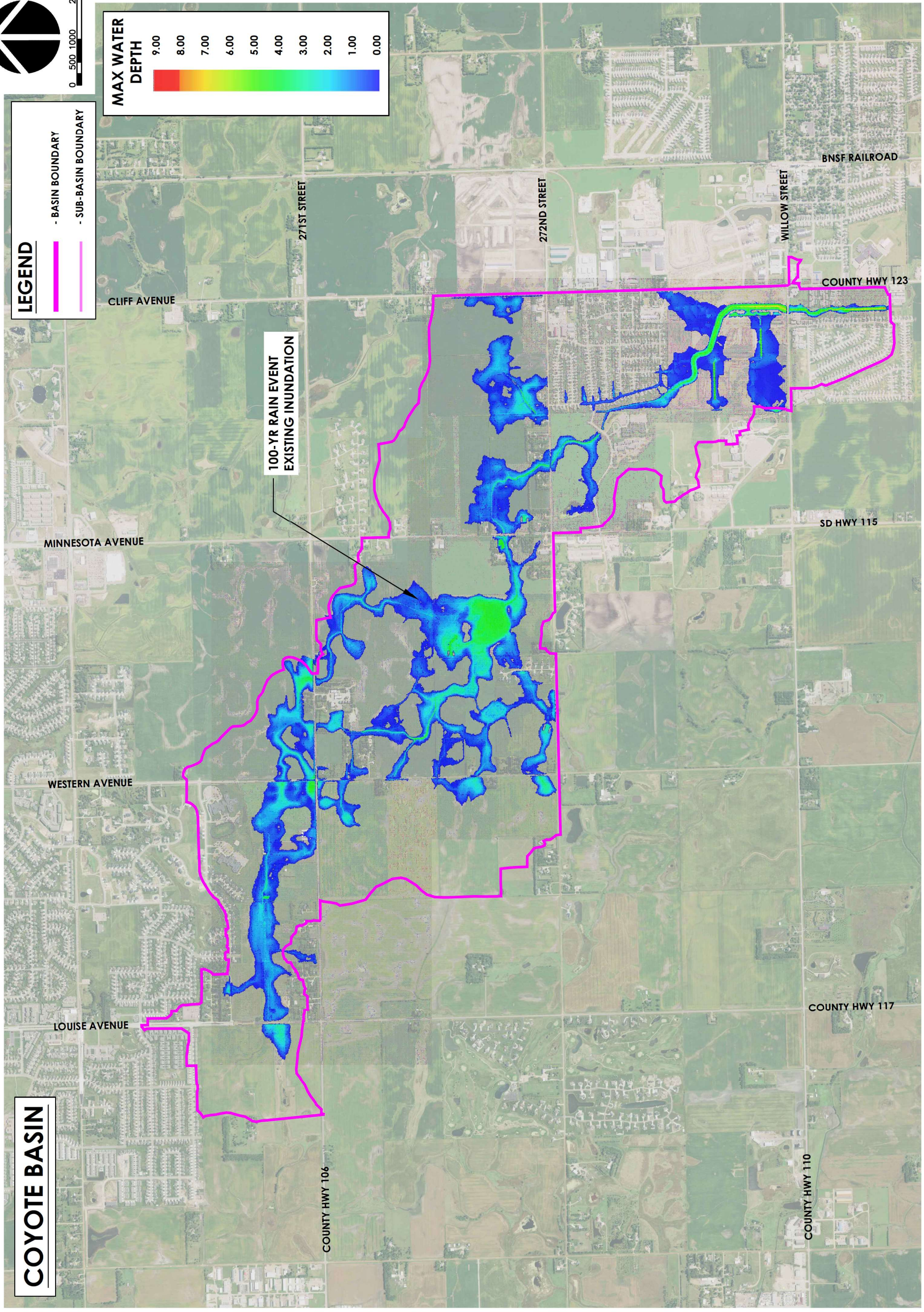
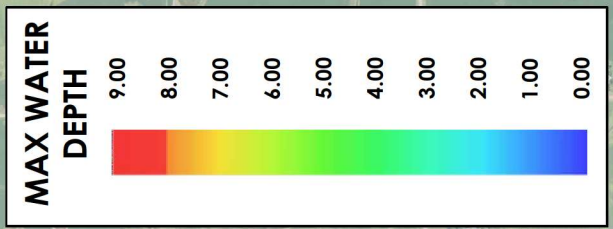


WEST HARRISBURG MASTER DRAINAGE PLAN
 COYOTE, WESTERN, HONEYSUCKLE, MINNESOTA BASINS
 HARRISBURG, SOUTH DAKOTA
 SEI PROJECT #: 18044



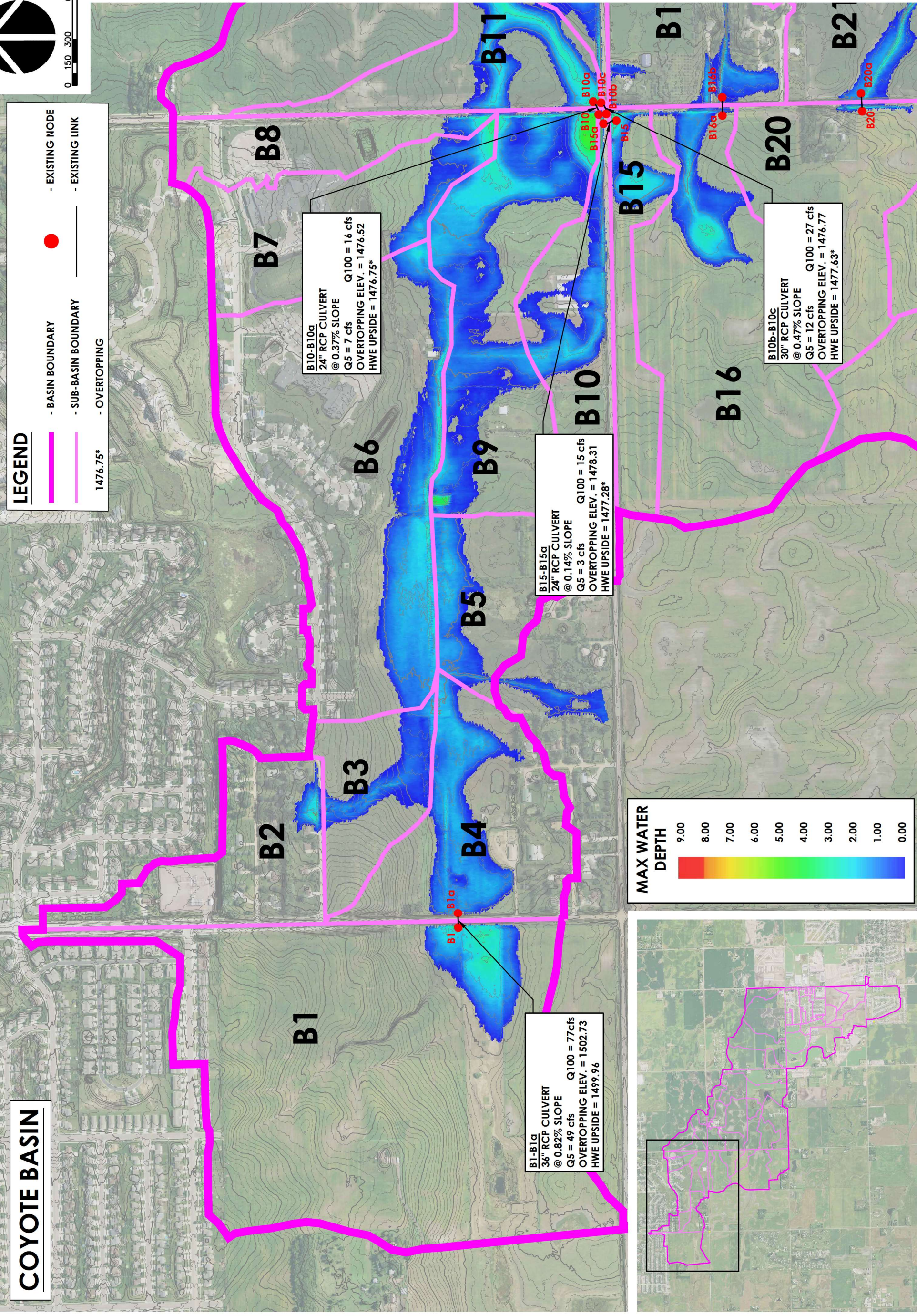
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- BASIN BOUNDARY
- SUB-BASIN BOUNDARY



COYOTE BASIN

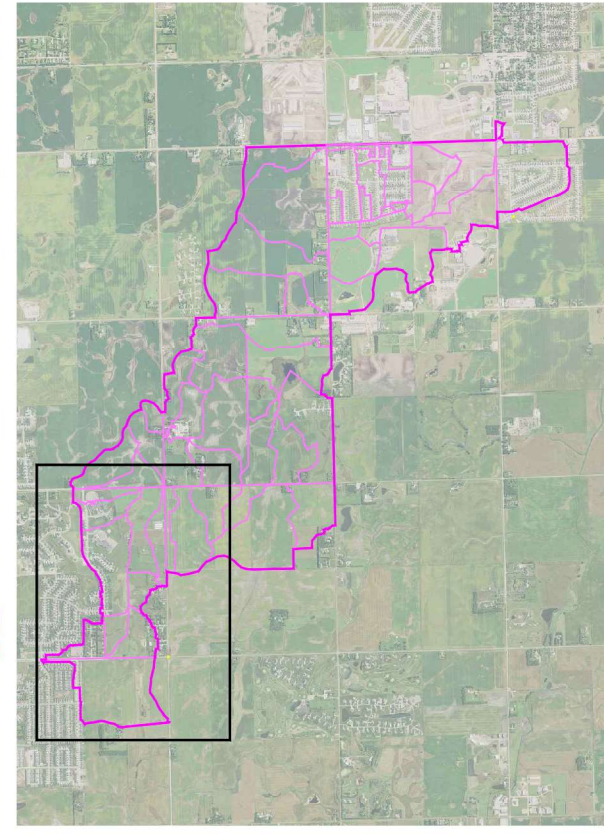
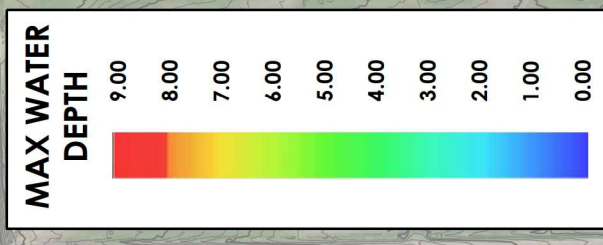
COYOTE BASIN



LEGEND

- - BASIN BOUNDARY
- - SUB-BASIN BOUNDARY
- - OVERTOPPING
- - EXISTING NODE
- - EXISTING LINK

1476.75*



B1-B1a
 36" RCP CULVERT
 @ 0.82% SLOPE
 Q5 = 49 cfs Q100 = 77cfs
 OVERTOPPING ELEV. = 1502.73
 HWE UPSIDE = 1499.96

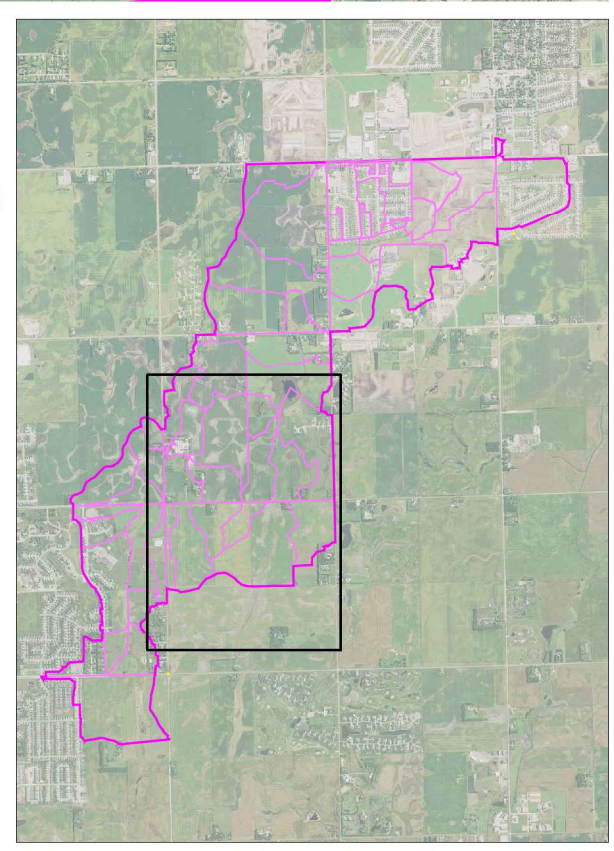
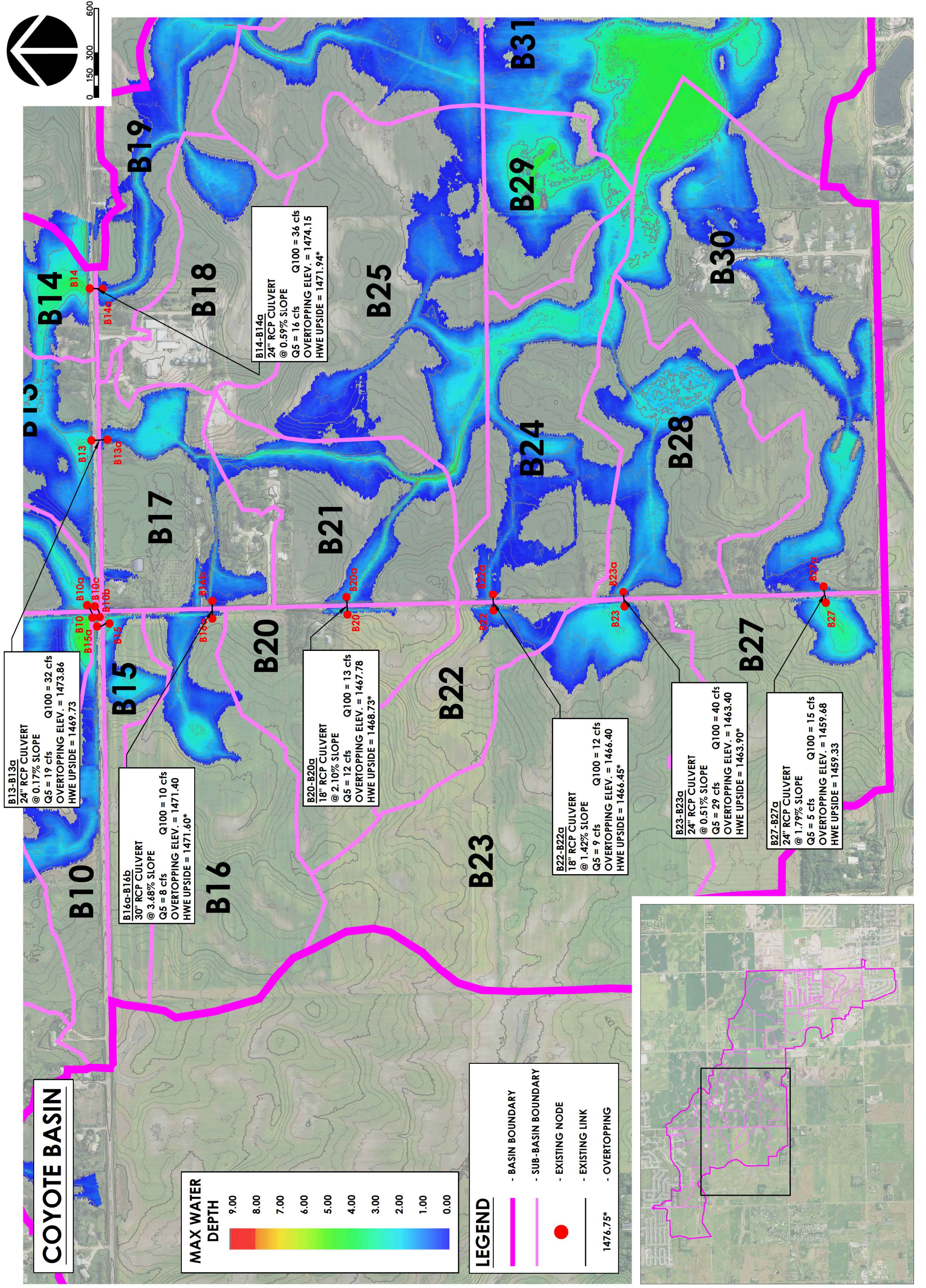
B15-B15a
 24" RCP CULVERT
 @ 0.14% SLOPE
 Q5 = 3 cfs Q100 = 15 cfs
 OVERTOPPING ELEV. = 1478.31
 HWE UPSIDE = 1477.28*

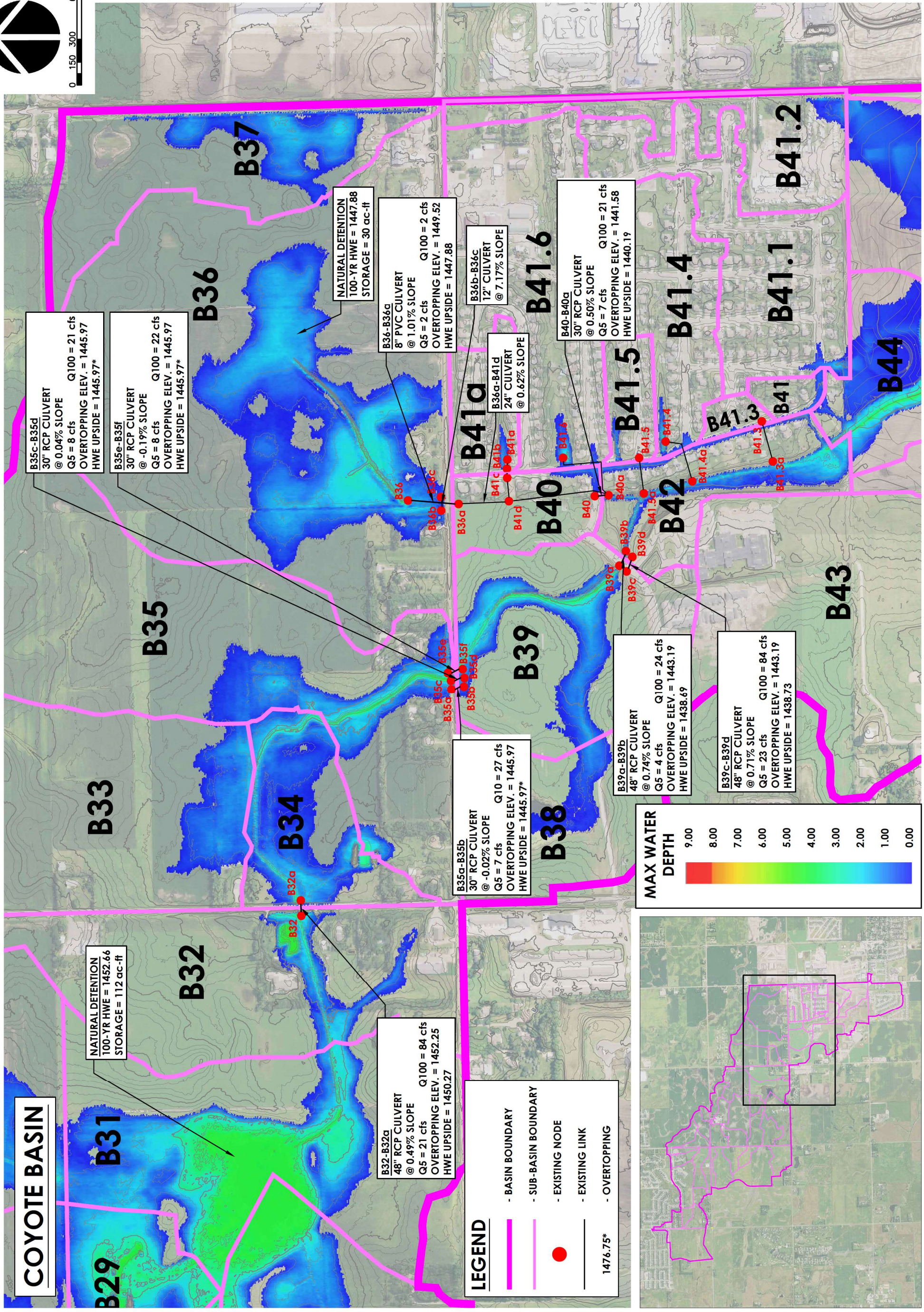
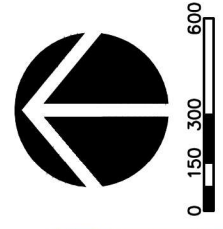
B10-B10a
 24" RCP CULVERT
 @ 0.37% SLOPE
 Q5 = 7 cfs Q100 = 16 cfs
 OVERTOPPING ELEV. = 1476.52
 HWE UPSIDE = 1476.75*

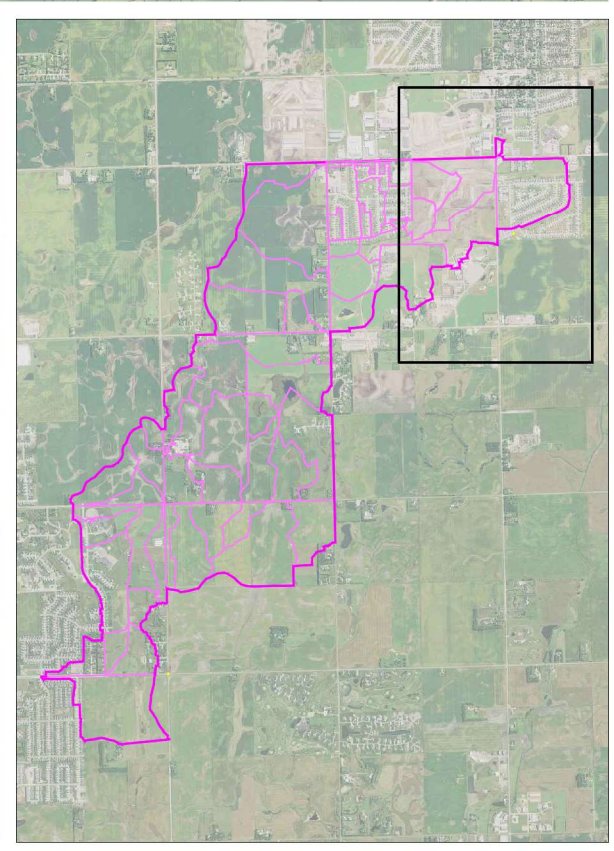
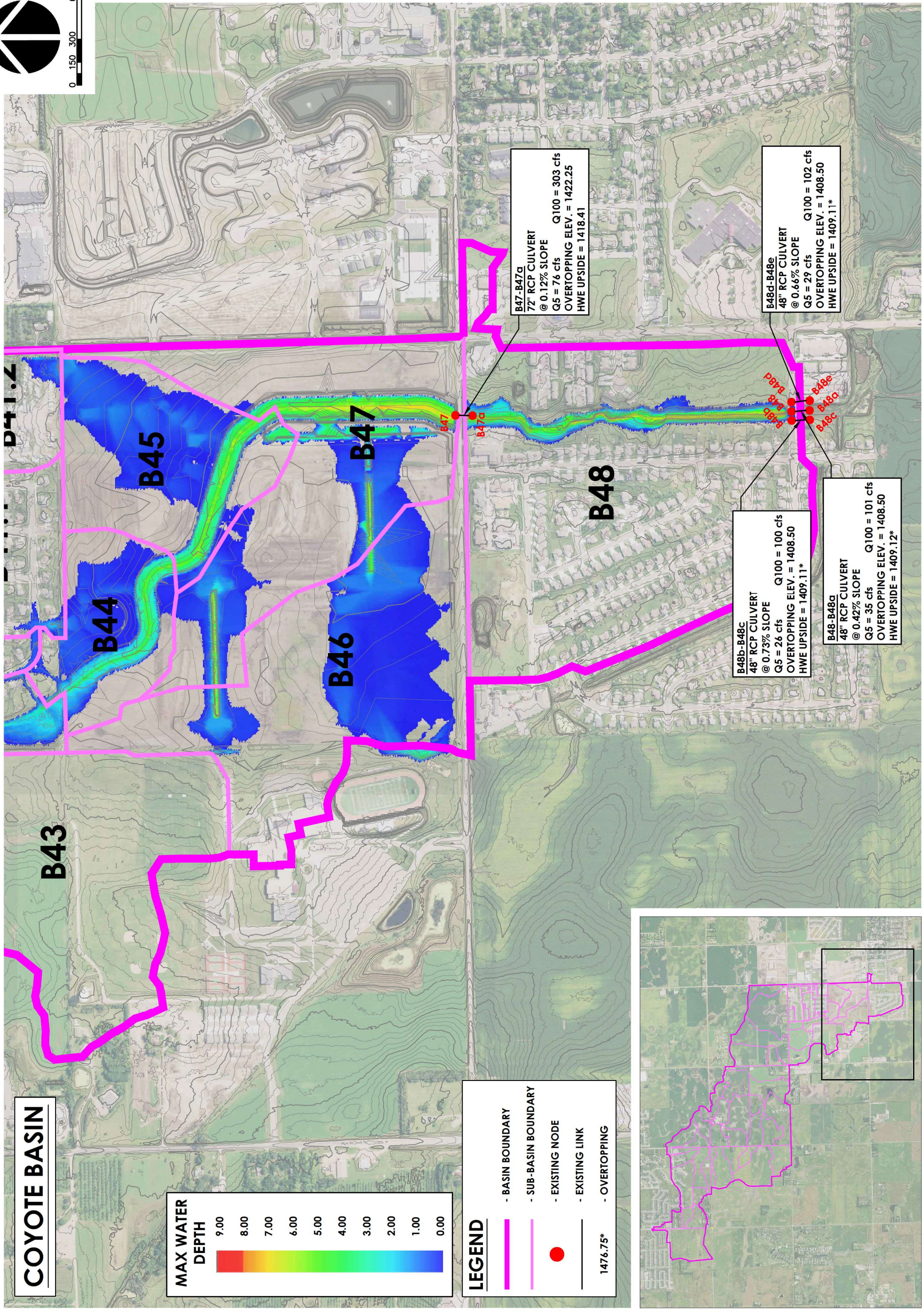
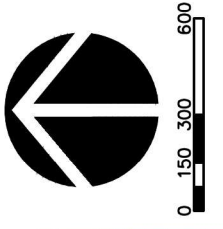
B10b-B10c
 30" RCP CULVERT
 @ 0.47% SLOPE
 Q5 = 12 cfs Q100 = 27 cfs
 OVERTOPPING ELEV. = 1476.77
 HWE UPSIDE = 1477.63*



18044 - Coyote Basin Figures.dwg









WEST HARRISBURG MASTER DRAINAGE PLAN
 COYOTE, WESTERN, HONEYDUCKLE, MINNESOTA BASINS
 HARRISBURG, SOUTH DAKOTA
 SEI PROJECT #: 18044

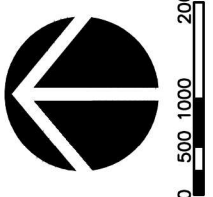
Node Name	Area ac	Curve Number	Time of Concentration (min)	5-YEAR		100-YEAR	
				Max Flow (cfs)	Max Water Depth (ft)	Max Flow (cfs)	Max Water Depth (ft)
B44	20.50	75.4	82.0	9.1	0.0	28.2	0.0
B45	33.66	75.9	76.7	16.2	3.0	49.5	5.3
B46	63.00	77.0	74.2	33.3	4.2	98.2	4.9
B47	57.40	71.9	48.1	29.8	4.7	103.8	7.5
B48	102.40	85.0	55.2	103.4	4.8	246.0	8.5

Node Name	Area ac	Curve Number	Time of Concentration (min)	5-YEAR		100-YEAR	
				Max Flow (cfs)	Max Water Depth (ft)	Max Flow (cfs)	Max Water Depth (ft)
B1	115.00	75.8	45.7	80.9	4.6	245.7	6.4
B2	25.30	80.1	75.4	15.8	1.8	42.7	2.1
B3	16.70	77.1	50.7	11.8	0.8	34.5	1.3
B4	33.40	77.4	65.2	20.0	1.1	58.0	1.8
B5	45.00	77.5	79.9	23.2	1.0	67.4	1.8
B6	75.30	77.5	25.1	88.2	2.0	250.8	3.3
B7	29.00	78.1	48.6	22.4	1.8	63.6	2.6
B8	15.90	72.7	57.2	7.7	2.0	26.1	2.7
B9	43.90	76.9	82.2	21.4	2.1	63.2	4.2
B10	24.00	74.0	81.5	9.7	3.7	31.7	5.8
B11	40.70	76.0	68.9	21.4	1.1	65.0	1.8
B12	23.80	75.9	78.7	11.2	0.9	34.3	1.8
B13	28.40	77.8	39.5	25.0	2.9	71.4	4.5
B14	11.20	77.7	57.0	7.5	2.9	21.7	5.9
B15	15.69	15.8	61.0	0.0	3.8	0.0	5.4
B16	55.80	75.8	54.3	34.6	1.8	105.4	2.9
B17	33.50	78.6	75.8	19.2	1.8	53.9	2.8
B18	31.10	78.3	42.5	26.8	1.1	75.4	1.9
B19	31.70	78.6	69.9	19.3	1.1	54.2	1.9
B20	35.29	69.4	39.1	17.5	4.1	67.3	5.0
B21	51.90	78.4	57.9	35.9	3.0	101.3	4.6
B22	21.40	71.5	57.1	9.5	3.2	33.7	4.3
B23	97.50	72.4	59.4	44.9	4.0	154.0	5.6
B24	43.80	72.7	89.7	15.1	1.0	51.4	2.5
B25	75.20	78.8	40.6	68.8	2.9	190.9	4.0
B26	67.40	77.1	40.2	56.3	1.8	163.9	2.9
B27	51.60	75.8	67.7	27.2	3.1	83.0	4.4
B28	44.80	78.2	42.9	38.1	1.4	107.6	2.3
B29	21.40	78.5	45.6	17.7	0.9	49.7	2.6
B30	91.00	76.1	50.4	60.8	2.5	183.2	4.2
B31	69.50	75.4	41.6	51.0	1.6	156.6	2.8
B32	65.80	71.6	135.2	15.3	2.6	54.0	3.9
B33	74.60	70.5	59.2	29.8	1.6	110.2	2.7
B34	21.90	73.5	78.9	8.8	0.7	29.1	1.3
B35	104.50	67.3	60.9	31.1	2.6	133.1	4.0
B36	148.10	74.2	52.9	84.3	2.2	270.8	3.2
B37	35.90	67.8	52.7	12.4	1.1	51.9	1.5
B38	30.80	71.4	48.8	15.2	1.0	54.1	1.7
B39	42.00	70.2	47.9	19.1	3.5	71.6	5.0
B40	11.10	77.8	58.7	7.3	3.9	21.1	4.9
B41	2.63	75.0	30.0	2.4	0.4	7.3	0.9
B42	20.40	83.6	47.6	21.4	1.6	52.6	2.6
B43	66.60	77.5	67.0	39.2	0.0	113.8	0.0



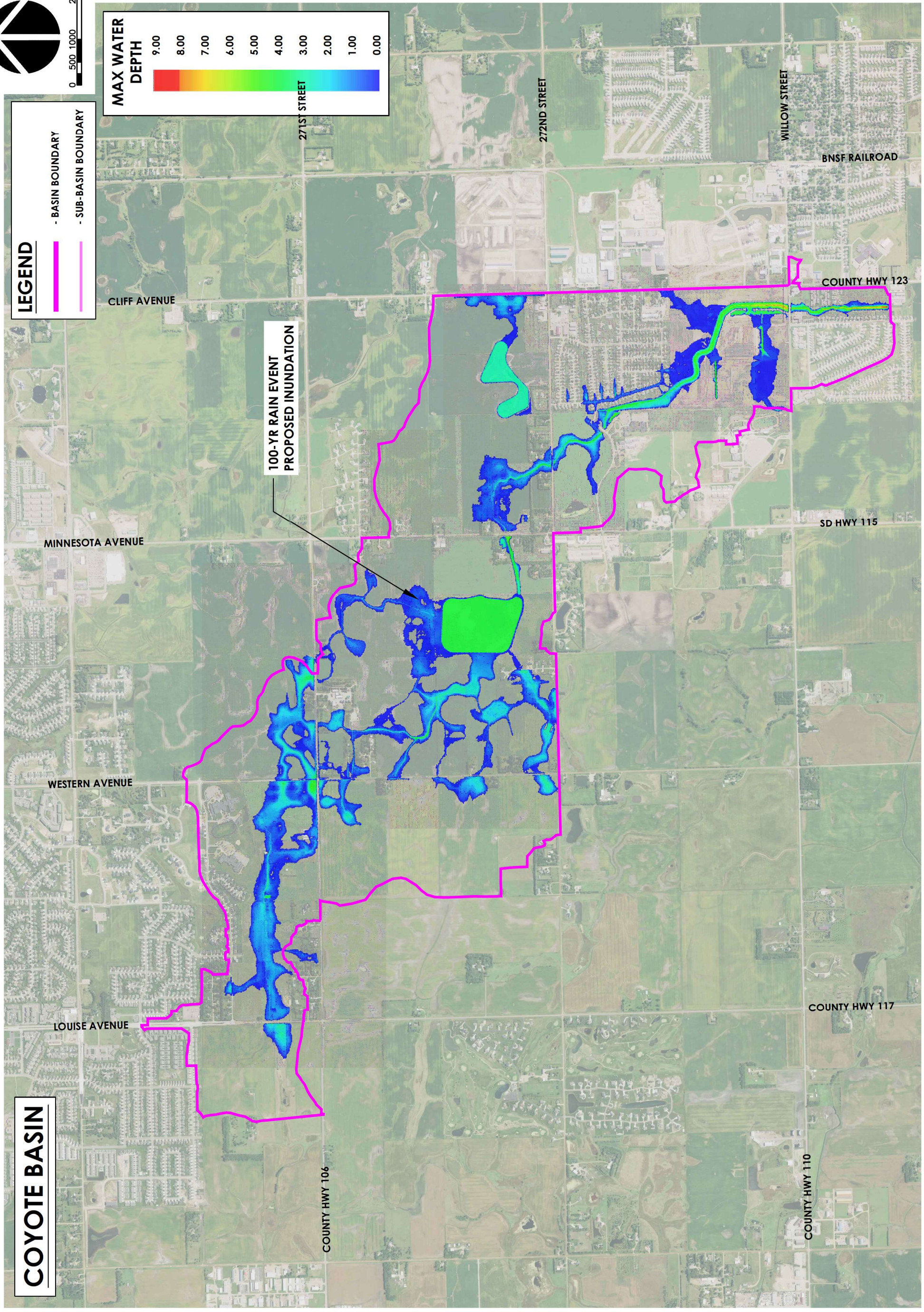
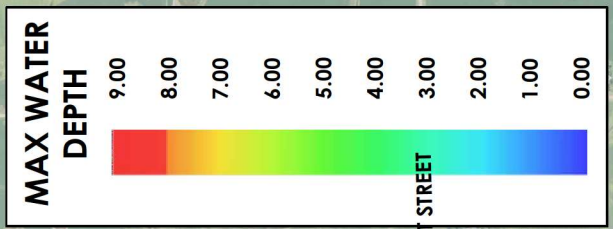
WEST HARRISBURG MASTER DRAINAGE PLAN
 COYOTE, WESTERN, HONEYDUCKLE, MINNESOTA BASINS
 HARRISBURG, SOUTH DAKOTA
 SEI PROJECT #: 18044

Link Name	Length (ft)	Diameter (Height) ft	Shape	Conduit Slope	Roughness	Design Full Flow cfs	Upstream Node Name	Upstream Invert Elevation ft	Downstream Node Name	Downstream Invert Elevation ft	5-Year			100-Year		
											Max Flow cfs	Max Velocity ft/s	Maximum Water Elevation (US) ft	Max Flow cfs	Max Velocity ft/s	Maximum Water Elevation (US) ft
B1-B1a	72.0	3.00	Circular	0.82	0.013	60.4	B1	1493.55	B1a	1492.96	49.5	7.0	1498.19	77.3	10.9	1499.96
B10-B10a	57.0	2.00	Circular	0.37	0.024	7.4	B10a	1472.10	B10	1471.89	-6.9	-2.2	1475.39	-15.8	-5.0	1476.75
B10b-B10c	57.0	2.50	Circular	0.47	0.024	15.3	B10b	1472.20	B10c	1471.93	11.8	2.4	1475.61	27.1	5.5	1477.63
B13-B13a	53.0	2.00	Circular	0.17	0.013	9.3	B13a	1467.38	B13	1467.29	-18.8	-6.0	1469.42	-31.8	-10.0	1469.73
B14-B14a	71.0	2.00	Circular	0.59	0.013	17.4	B14	1466.09	B14a	1465.67	15.9	5.0	1468.97	35.7	11.2	1471.94
B15-B15a	63.0	2.00	Circular	0.14	0.013	8.6	B15	1471.87	B15a	1471.78	-2.8	-1.2	1475.63	-14.8	-4.7	1477.28
B16a-B16b	41.0	1.50	Circular	3.68	0.024	10.9	B16a	1468.59	B16b	1467.08	7.8	4.4	1470.72	10.2	5.8	1471.60
B20-B20a	41.0	1.50	Circular	2.10	0.024	8.2	B20	1463.71	B20a	1462.85	11.7	6.6	1467.83	13.1	7.3	1468.73
B22-B22a	33.0	1.50	Circular	1.42	0.024	6.8	B22	1462.12	B22a	1461.65	9.1	5.1	1465.36	12.4	6.9	1466.45
B23-B23a	31.0	2.00	Circular	0.52	0.013	16.3	B23	1458.26	B23a	1458.10	28.7	9.1	1462.30	40.4	12.7	1463.90
B27-B27a	39.0	2.00	Circular	1.80	0.024	16.4	B27	1454.91	B27a	1454.21	5.1	1.6	1457.99	15.5	4.9	1459.33
B32-B32a	47.0	4.00	Rectangular	0.49	0.013	405.7	B32	1446.34	B32a	1446.11	20.7	0.8	1448.89	83.9	2.1	1450.27
B35a-B35b	46.0	2.58	Special	-0.02	0.024	5.4	B35a	1441.76	B35b	1441.77	6.6	1.0	1444.67	21.4	3.1	1445.96
B35c-B35d	46.0	2.58	Special	0.04	0.024	7.6	B35c	1441.94	B35d	1441.92	7.7	1.1	1444.67	21.5	3.1	1445.96
B35e-B35f	46.0	2.58	Special	-0.20	0.024	16.2	B35e	1441.90	B35f	1441.99	7.8	1.1	1444.67	21.9	3.1	1445.98
B36-B36a	333.1	0.67	Circular	1.00	0.009	1.8	B36	1444.72	B36a	1441.38	2.0	5.9	1446.93	2.3	6.5	1447.88
B36b-B36c	17.0	1.00	Circular	7.17	0.013	9.5	B36b	1445.74	B36c	1444.52	0.0	0.0	N/A	-1.9	-2.4	1447.70
B36b-B41d	359.0	2.00	Circular	0.62	0.013	17.8	B36a	1441.38	B41d	1439.15	2.0	3.6	1441.86	2.3	3.7	1441.94
B39a-B39b	102.0	4.00	Rectangular	0.75	0.013	620.6	B39a	1435.91	B39b	1435.15	-1.9	-0.2	1437.82	27.6	0.8	1438.79
B39c-B39d	102.0	4.00	Rectangular	0.72	0.013	608.2	B39c	1435.83	B39d	1435.10	27.1	1.7	1437.83	92.4	2.6	1438.78
B40-B40a	72.0	2.50	Circular	0.50	0.024	15.7	B40	1435.68	B40a	1435.32	7.3	1.5	1439.25	21.1	4.3	1440.19
B40a-B41d	645.0	2.50	Circular	0.59	0.013	31.4	B41d	1439.10	B40a	1435.32	9.2	3.9	1440.21	18.9	4.7	1441.00
B41.3-B41.3a	277.0	2.00	Circular	0.23	0.013	10.9	B41.3	1433.50	B41.3a	1432.86	2.1	2.6	1434.14	6.5	3.9	1434.61
B41.4-B41.4a	376.0	2.00	Circular	0.67	0.013	18.6	B41.4	1436.14	B41.4a	1433.61	7.4	5.3	1437.02	22.1	7.0	1439.03
B41.5-B41.5a	231.0	3.00	Circular	0.34	0.013	38.8	B41.5	1436.00	B41.5a	1435.22	5.6	3.8	1436.80	17.3	5.5	1437.41
B41.6-B40a	473.0	3.00	Circular	1.04	0.013	68.1	B41.6	1440.25	B40a	1435.32	21.2	6.4	1441.53	47.8	8.5	1442.41
B41a-B41b	33.5	1.50	Circular	0.34	0.013	6.1	B41a	1440.95	B41b	1440.83	7.3	4.4	1442.31	16.7	9.4	1444.11
B41b-B41c	36.7	2.00	Circular	0.60	0.013	17.6	B41b	1440.73	B41c	1440.51	7.3	5.3	1441.63	16.7	6.5	1442.27
B41c-B41d	148.0	2.00	Circular	0.85	0.013	20.9	B41c	1440.41	B41d	1439.15	7.3	5.4	1441.28	16.7	6.0	1442.04



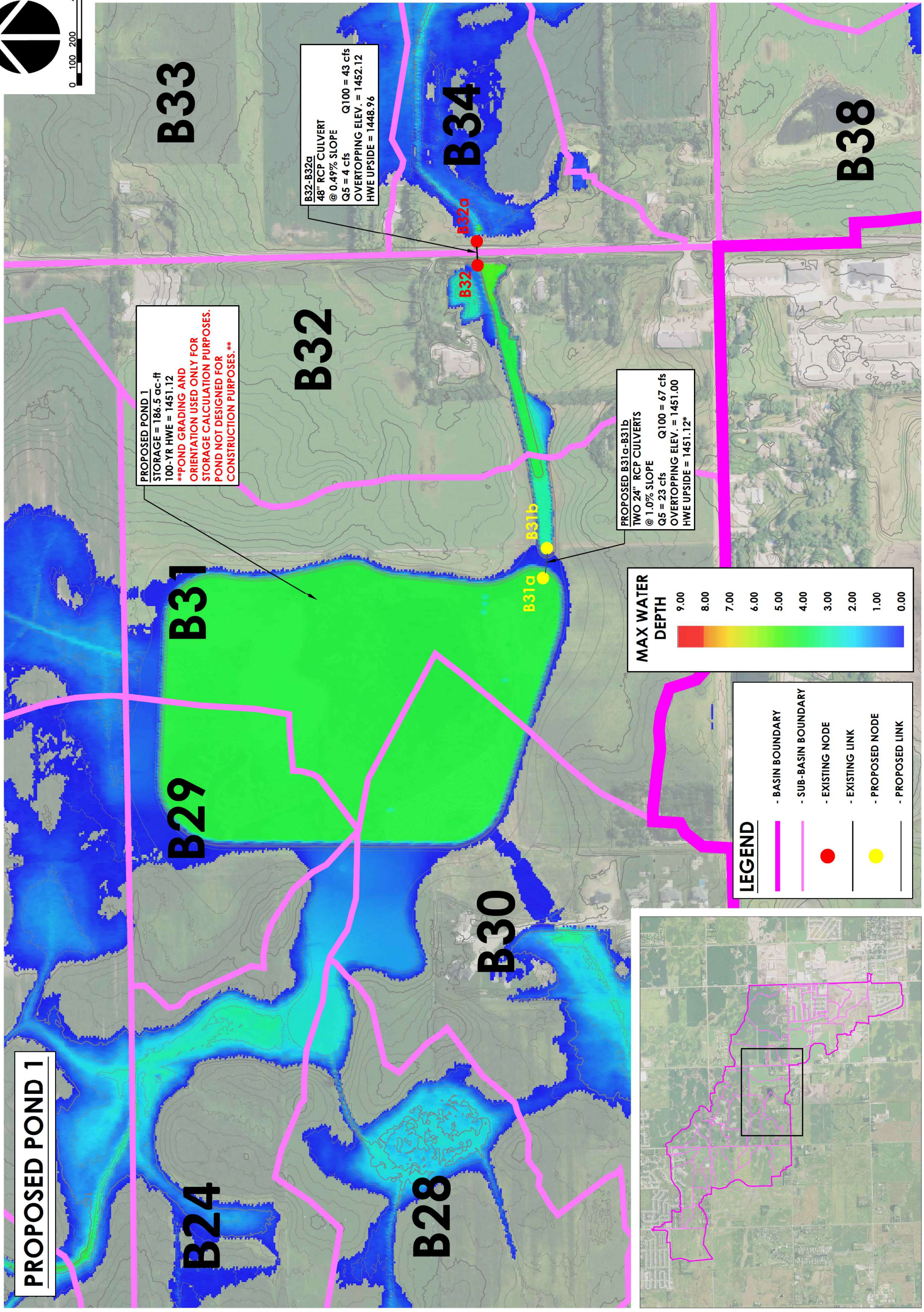
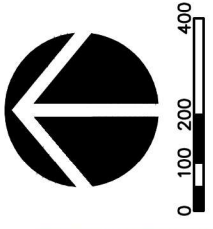
LEGEND

- BASIN BOUNDARY
- SUB-BASIN BOUNDARY



COYOTE BASIN

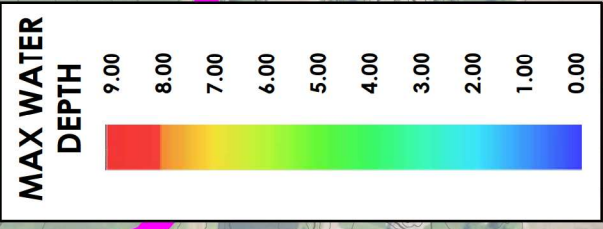
100-YR RAIN EVENT
 PROPOSED INUNDATION



PROPOSED POND 1
 STORAGE = 186.5 ac-ft
 100-YR HWE = 1451.12
 **POND GRADING AND
 ORIENTATION USED ONLY FOR
 STORAGE CALCULATION PURPOSES.
 POND NOT DESIGNED FOR
 CONSTRUCTION PURPOSES.**

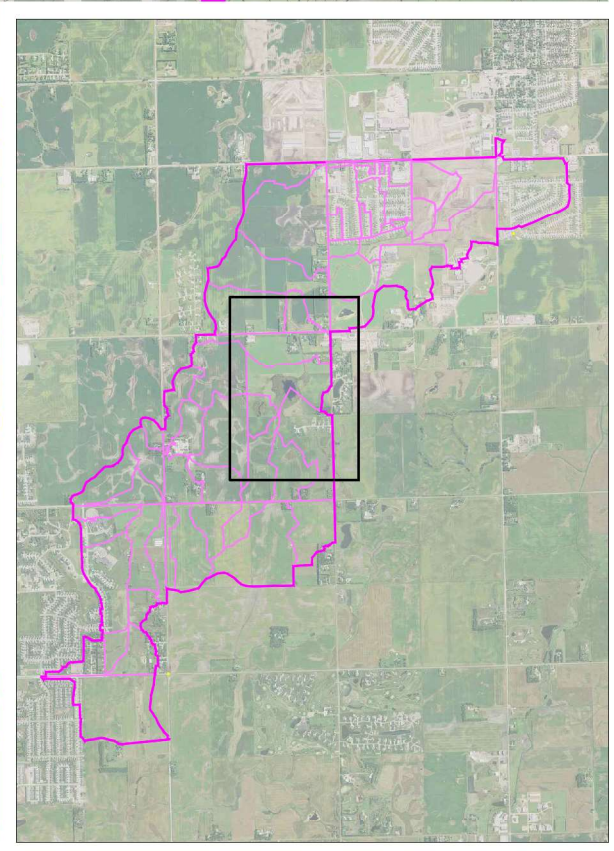
B32-B32a
 48" RCP CULVERT
 @ 0.49% SLOPE
 Q5 = 4 cfs Q100 = 43 cfs
 OVERTOPPING ELEV. = 1452.12
 HWE UPSIDE = 1448.96

PROPOSED B31a-B31b
 TWO 24" RCP CULVERTS
 @ 1.0% SLOPE
 Q5 = 23 cfs Q100 = 67 cfs
 OVERTOPPING ELEV. = 1451.00
 HWE UPSIDE = 1451.12*

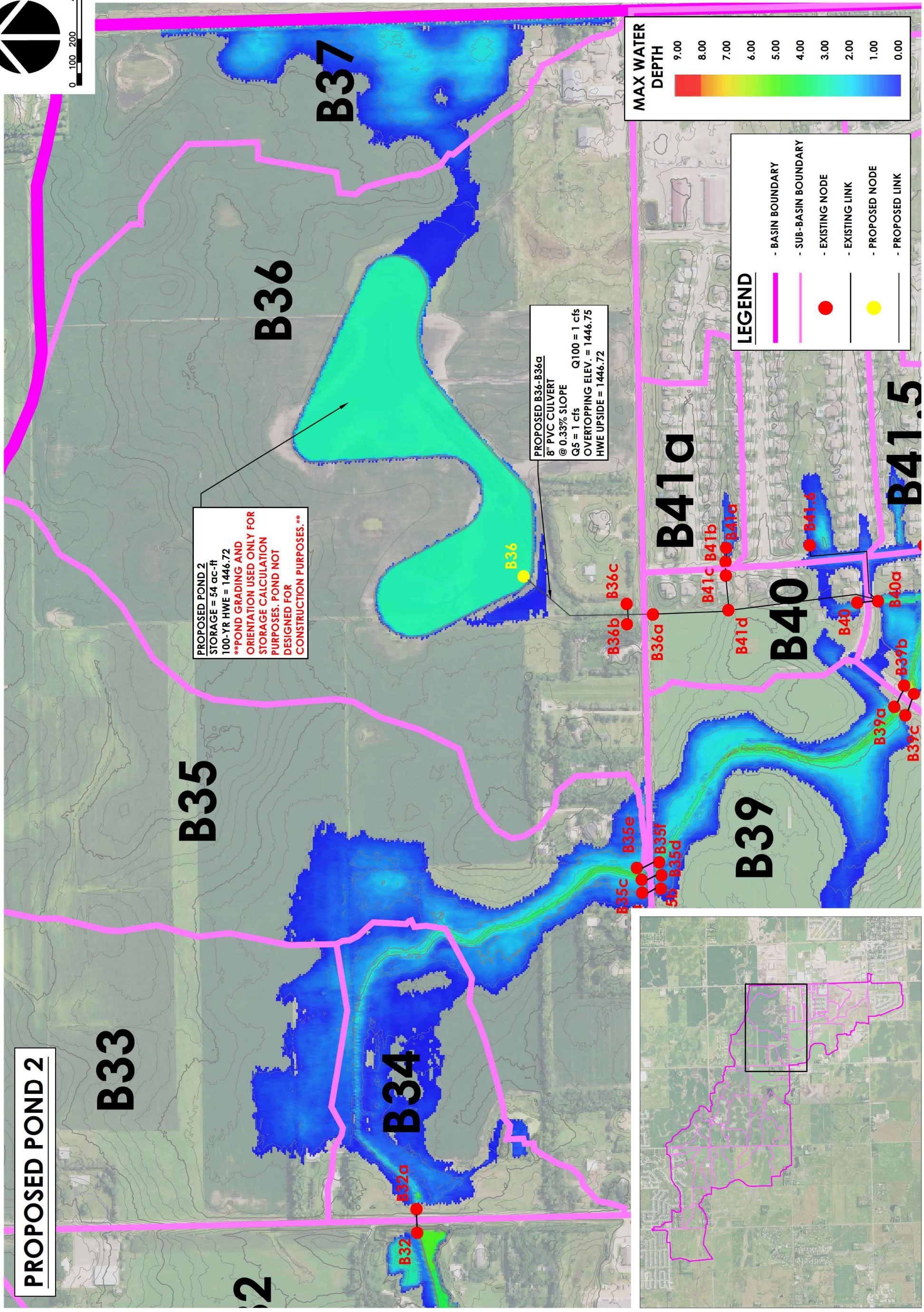
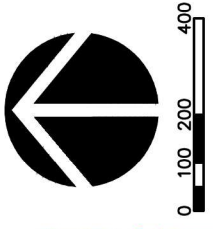


LEGEND

- BASIN BOUNDARY
- SUB-BASIN BOUNDARY
- EXISTING NODE
- EXISTING LINK
- PROPOSED NODE
- PROPOSED LINK



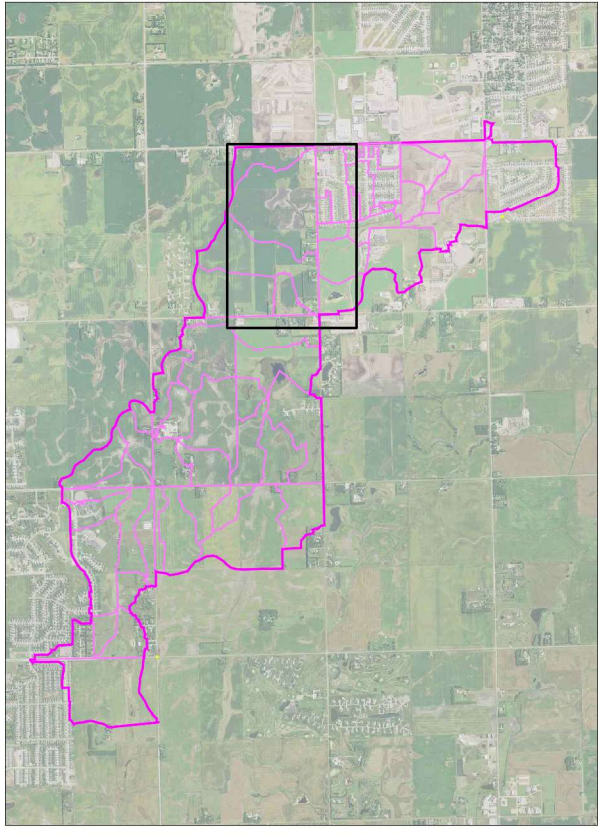
PROPOSED POND 1



PROPOSED POND 2
 STORAGE = 54 ac-ft
 100-YR HWE = 1446.72
 **POND GRADING AND
 ORIENTATION USED ONLY FOR
 STORAGE CALCULATION
 PURPOSES. POND NOT
 DESIGNED FOR
 CONSTRUCTION PURPOSES.**

PROPOSED B36-B36a
 8" PVC CULVERT
 @ 0.33% SLOPE Q100 = 1 cfs
 Q5 = 1 cfs
 OVERTOPPING ELEV. = 1446.75
 HWE UPSIDE = 1446.72

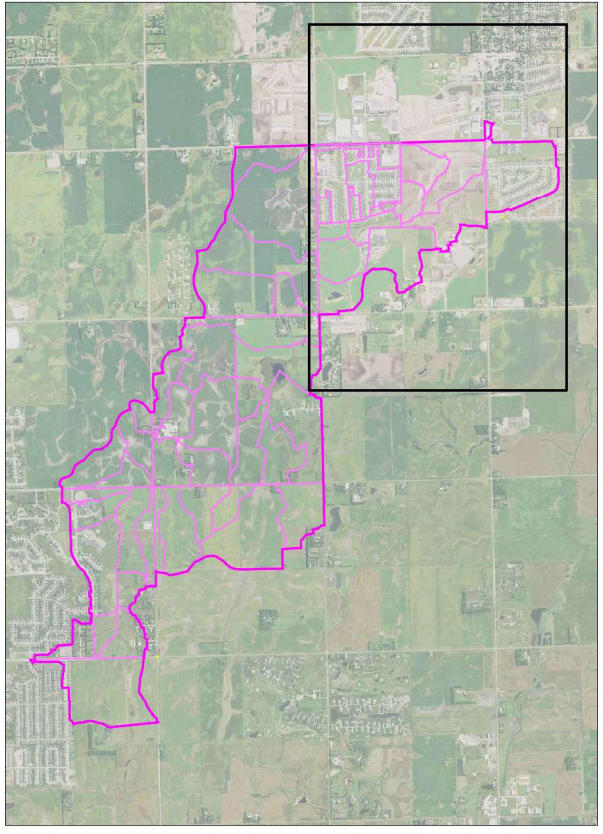
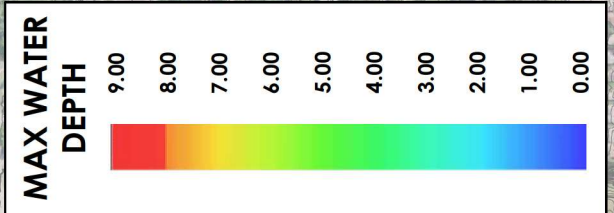
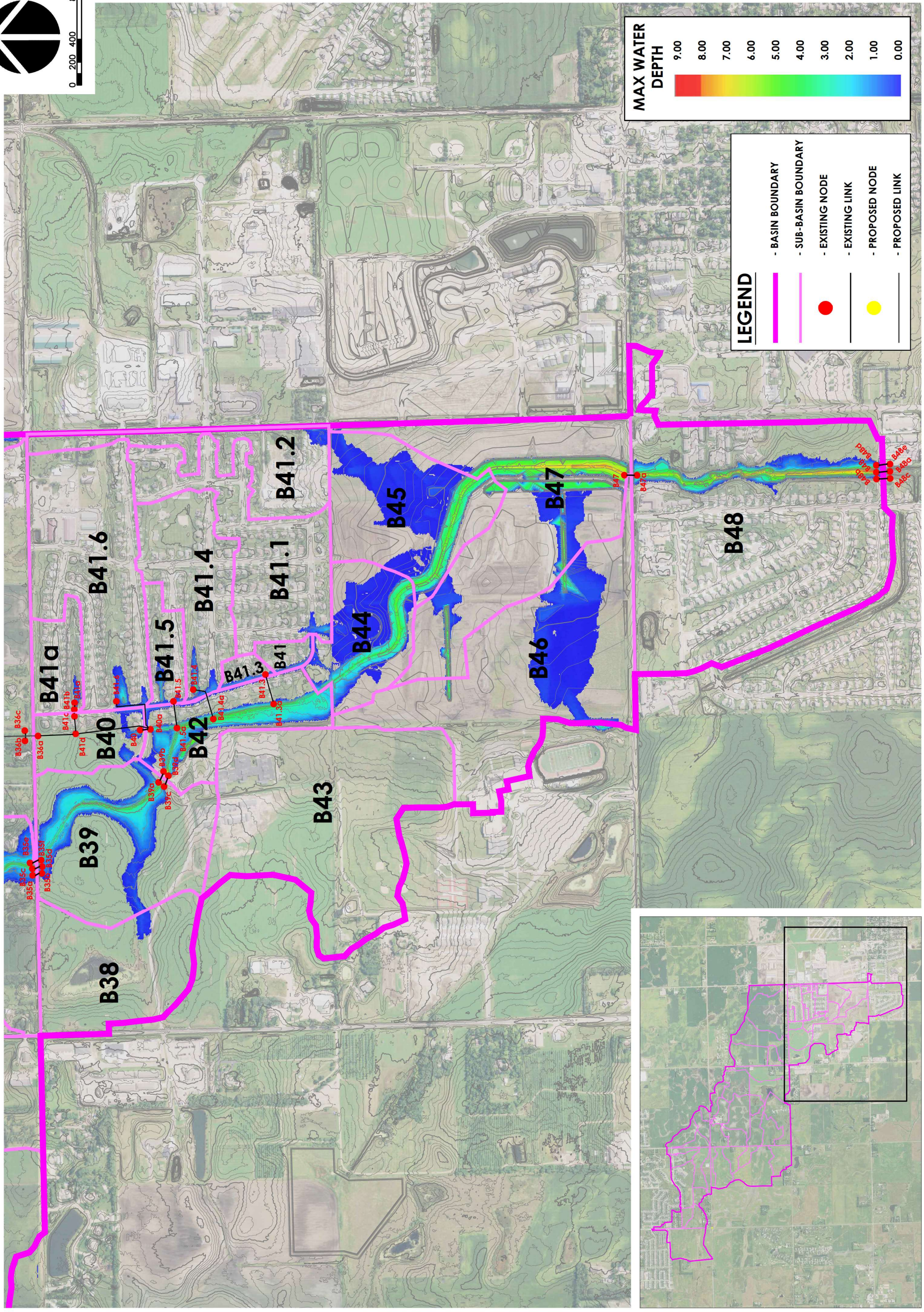
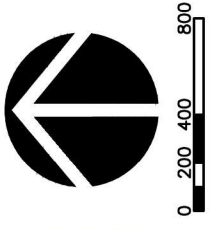
PROPOSED POND 2





WEST HARRISBURG MASTER DRAINAGE PLAN
 COYOTE, WESTERN, HONEYDUCKLE, MINNESOTA BASINS
 HARRISBURG, SOUTH DAKOTA
 SEI PROJECT #: 18044

COYOTE BASIN
 DOWNSTREAM
 OF PROP. PONDS





WEST HARRISBURG MASTER DRAINAGE PLAN
 COYOTE, WESTERN, HONEYDUCKLE, MINNESOTA BASINS
 HARRISBURG, SOUTH DAKOTA
 SEI PROJECT #: 18044

COYOTE BASIN
 XPSWMM
 PROP. RESULTS

Node Name	Area ac	Curve Number	Time of Concentration (min)	5-YEAR		100-YEAR	
				Max Flow (cfs)	Max Water Depth (ft)	Max Flow (cfs)	Max Water Depth (ft)
B45	33.66	75.9	76.7	16.2	3.0	49.5	5.3
B46	63.00	77.0	74.2	33.3	4.0	98.2	4.4
B47	57.40	71.9	48.1	29.8	5.1	103.8	8.1
B48	102.40	85.0	55.2	103.4	5.1	246.0	9.3

Node Name	Area ac	Curve Number	Time of Concentration (min)	5-YEAR		100-YEAR	
				Max Flow (cfs)	Max Water Depth (ft)	Max Flow (cfs)	Max Water Depth (ft)
B1	115.00	75.8	45.7	80.9	4.6	245.7	6.4
B2	25.30	80.1	75.4	15.8	1.8	42.7	2.1
B3	16.70	77.1	50.7	11.8	0.8	34.5	1.3
B4	33.40	77.4	65.2	20.0	1.1	58.0	1.8
B5	45.00	77.5	79.9	23.2	1.0	67.4	1.7
B6	75.30	77.5	25.1	88.2	2.0	250.8	3.3
B7	29.00	78.1	48.6	22.4	1.8	63.6	2.6
B8	15.90	72.7	57.2	7.7	2.0	26.1	2.7
B9	43.90	76.9	82.2	21.4	2.2	63.2	4.2
B10	24.00	74.0	81.5	9.7	3.9	31.7	5.8
B11	40.70	76.0	68.9	21.4	1.1	65.0	1.8
B12	23.80	75.9	78.7	11.2	0.9	34.3	1.8
B13	28.40	77.8	39.5	25.0	2.9	71.4	4.3
B14	11.20	77.7	57.0	7.5	2.2	21.7	5.6
B15	15.69	74.2	61.0	8.0	3.9	25.9	5.6
B16	55.80	76.3	54.3	35.7	1.9	107.1	2.9
B17	33.50	78.7	49.4	26.5	1.8	73.9	2.8
B18	31.10	78.7	26.5	37.7	0.2	103.8	0.6
B19	31.70	79.0	49.9	25.3	0.5	70.1	1.1
B20	35.29	69.4	39.1	17.5	4.1	67.3	5.0
B21	51.90	79.0	38.5	49.9	3.0	137.4	4.4
B22	21.40	71.5	57.1	9.5	2.3	33.7	4.3
B23	97.50	72.4	59.4	44.9	3.9	154.0	5.6
B24	43.80	78.5	62.9	28.7	2.4	80.7	3.1
B25	75.20	79.0	27.0	91.5	2.9	250.1	4.0
B26	67.40	79.0	26.1	83.8	1.4	229.0	2.1
B27	51.60	75.8	67.7	27.2	2.9	83.0	4.2
B28	44.80	78.9	27.3	53.8	1.7	147.7	2.7
B29	21.40	79.0	30.4	24.1	0.0	66.2	1.1
B30	91.00	78.2	40.5	80.6	0.3	227.5	2.8
B31	69.50	79.8	31.1	80.7	1.8	216.6	4.2
B32	65.80	81.9	67.3	49.3	3.3	126.8	4.4
B33	74.60	79.0	43.8	65.4	2.0	180.8	2.9
B34	21.90	79.6	48.4	18.5	0.9	50.3	1.5
B35	104.50	78.7	43.1	91.2	3.3	253.9	4.4
B36	148.10	81.7	36.2	171.4	1.4	439.5	3.0
B37	35.90	91.5	33.9	66.5	1.7	136.6	2.1
B38	30.80	71.4	48.8	15.2	0.4	54.1	0.8
B39	42.00	70.2	47.9	19.1	4.2	71.6	5.8
B40	11.10	77.8	58.7	7.3	4.4	21.1	5.8
B41	2.63	75.0	30.0	2.4	0.4	7.3	1.0
B42	20.40	83.6	47.6	21.4	2.0	52.6	3.3
B43	66.60	77.5	67.0	39.2	0.0	113.8	0.0
B44	20.50	75.4	82.0	9.1	0.0	28.2	0.0



WEST HARRISBURG MASTER DRAINAGE PLAN
 COYOTE, WESTERN, HONEYDUCKLE, MINNESOTA BASINS
 HARRISBURG, SOUTH DAKOTA
 SEI PROJECT #: 18044

Link Name	Length (ft)	Diameter (Height) ft	Shape	Conduit Slope	Roughness	Design Full Flow cfs	Upstream Node Name	Upstream Invert Elevation ft	Downstream Node Name	Downstream Invert Elevation ft	5-Year			100-Year		
											Max Flow cfs	Max Velocity ft/s	Maximum Water Elevation (US) ft	Max Flow cfs	Max Velocity ft/s	Maximum Water Elevation (US) ft
B1-B1a	72.0	3.00	Circular	0.82	0.013	60.4	B1	1493.55	B1a	1492.96	49.5	7.0	1498.19	77.3	10.9	1499.96
B10-B10a	57.0	2.00	Circular	0.37	0.024	7.4	B10a	1472.10	B10	1471.89	-7.9	-2.5	1475.46	-15.8	-5.0	1476.87
B10b-B10c	57.0	2.50	Circular	0.47	0.024	15.3	B10b	1472.20	B10c	1471.93	13.5	2.7	1475.75	27.2	5.5	1477.71
B13-B13a	53.0	2.00	Circular	0.17	0.013	9.3	B13a	1467.38	B13	1467.29	-18.8	-6.0	1469.39	-31.1	-9.8	1469.59
B14-B14a	71.0	2.00	Circular	0.59	0.013	17.4	B14	1466.09	B14a	1465.67	18.1	5.6	1468.31	40.4	12.7	1471.72
B15-B15a	63.0	2.00	Circular	0.14	0.013	8.6	B15	1471.87	B15a	1471.78	6.3	2.0	1475.77	-11.2	-3.5	1477.44
B16a-B16b	41.0	1.50	Circular	3.68	0.024	10.9	B16a	1468.59	B16b	1467.08	7.8	5.7	1469.79	11.7	7.0	1471.53
B20-B20a	41.0	1.50	Circular	2.10	0.024	8.2	B20	1463.71	B20a	1462.85	11.9	6.7	1467.80	13.3	7.5	1468.70
B22-B22a	33.0	1.50	Circular	1.42	0.024	6.8	B22	1462.12	B22a	1461.65	9.5	5.3	1464.41	15.1	8.4	1466.39
B23-B23a	31.0	2.00	Circular	0.52	0.013	16.3	B23	1458.26	B23a	1458.10	34.0	10.7	1462.13	46.3	14.5	1463.84
B27-B27a	39.0	2.00	Circular	1.80	0.024	16.4	B27	1454.91	B27a	1454.21	9.2	2.9	1457.85	19.8	6.3	1459.11
B31a-B31b	84.0	2.00	Circular	1.19	0.013	24.7	B31a	1447.00	B31b	1446.00	23.3	4.8	1448.40	67.8	10.7	1451.12
B32-B32a	132.0	4.00	Rectangular	0.14	0.012	238.4	B32	1444.55	B32a	1444.36	4.6	0.2	1447.88	42.6	0.5	1448.96
B35a-B35b	46.0	2.58	Special	-0.02	0.024	5.4	B35a	1441.76	B35b	1441.77	18.0	2.6	1445.26	29.4	4.2	1446.18
B35c-B35d	46.0	2.58	Special	0.04	0.024	7.6	B35c	1441.94	B35d	1441.92	18.7	2.7	1445.26	29.6	4.2	1446.18
B35e-B35f	46.0	2.58	Special	-0.20	0.024	16.2	B35e	1441.90	B35f	1441.99	18.9	2.7	1445.26	30.0	4.3	1446.20
B36-B36a	641.5	0.67	Circular	0.37	0.009	1.1	B36	1443.75	B36a	1441.38	1.1	3.2	1445.19	1.4	4.0	1446.72
B36b-B36c	17.0	1.00	Circular	7.17	0.013	9.5	B36b	1445.74	B36c	1444.52	0.0	0.0	N/A	0.0	0.0	N/A
B36b-B41d	359.0	2.00	Circular	0.62	0.013	17.8	B36a	1441.38	B41d	1439.15	1.1	3.0	1441.71	1.7	3.3	1442.04
B39a-B39b	102.0	4.00	Rectangular	0.75	0.013	620.6	B39a	1435.91	B39b	1435.15	30.6	0.6	1440.09	122.2	2.5	1441.69
B39c-B39d	102.0	4.00	Rectangular	0.72	0.013	608.2	B39c	1435.83	B39d	1435.10	34.3	1.7	1440.10	116.9	2.4	1441.73
B40-B40a	72.0	2.50	Circular	0.50	0.024	15.7	B40	1435.68	B40a	1435.32	7.3	1.5	1440.07	18.6	3.8	1441.49
B40a-B41d	645.0	2.50	Circular	0.59	0.013	31.4	B41d	1439.10	B40a	1435.32	8.2	3.3	1440.27	16.3	3.7	1441.74
B41.3-B41.3a	277.0	2.00	Circular	0.23	0.013	10.9	B41.3	1433.50	B41.3a	1432.86	2.1	2.6	1434.83	6.5	3.6	1436.22
B41.4-B41.4a	376.0	2.00	Circular	0.67	0.013	18.6	B41.4	1436.14	B41.4a	1433.61	7.2	4.5	1437.17	15.0	4.8	1439.61
B41.5-B41.5a	231.0	3.00	Circular	0.34	0.013	38.8	B41.5	1436.00	B41.5a	1435.22	5.5	3.4	1438.08	17.2	3.6	1439.64
B41.6-B40a	473.0	3.00	Circular	1.04	0.013	68.1	B41.6	1440.25	B40a	1435.32	21.2	6.2	1441.58	41.5	7.1	1442.57
B41a-B41b	33.5	1.50	Circular	0.34	0.013	6.1	B41a	1440.95	B41b	1440.83	7.3	4.4	1442.31	15.3	8.6	1444.14
B41b-B41c	36.7	2.00	Circular	0.60	0.013	17.6	B41b	1440.73	B41c	1440.51	7.3	5.3	1441.63	15.3	6.2	1442.62
B41c-B41d	148.0	2.00	Circular	0.85	0.013	20.9	B41c	1440.41	B41d	1439.15	7.3	5.3	1441.29	15.3	5.8	1442.49
B47-B47a	43.0	6.00	Rectangular	0.12	0.013	268.0	B47	1410.88	B47a	1410.83	100.1	2.4	1416.03	364.9	7.6	1419.03
B48-B48a	93.5	4.00	Circular	0.42	0.013	92.8	B48	1400.58	B48a	1400.19	35.2	2.8	1405.66	113.1	8.9	1409.92
B48b-B48c	93.4	4.00	Circular	0.73	0.013	122.6	B48b	1400.71	B48c	1400.03	33.9	2.7	1405.66	112.7	8.9	1409.91
B48d-B48e	93.1	4.00	Circular	0.67	0.013	117.2	B48d	1400.78	B48e	1400.16	35.9	2.8	1405.66	114.2	9.0	1409.91