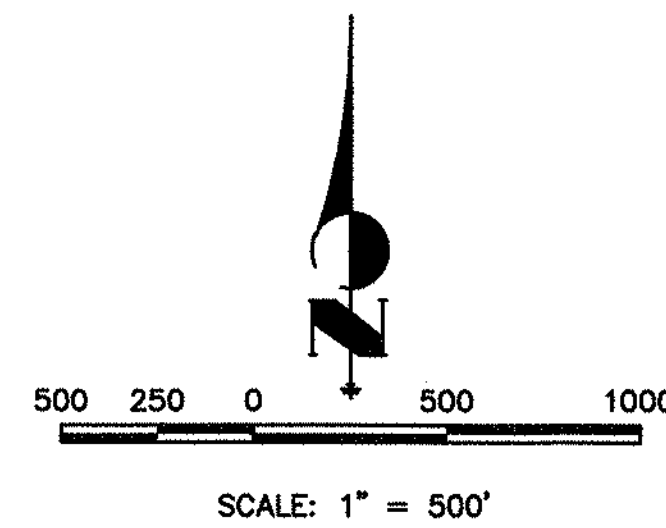
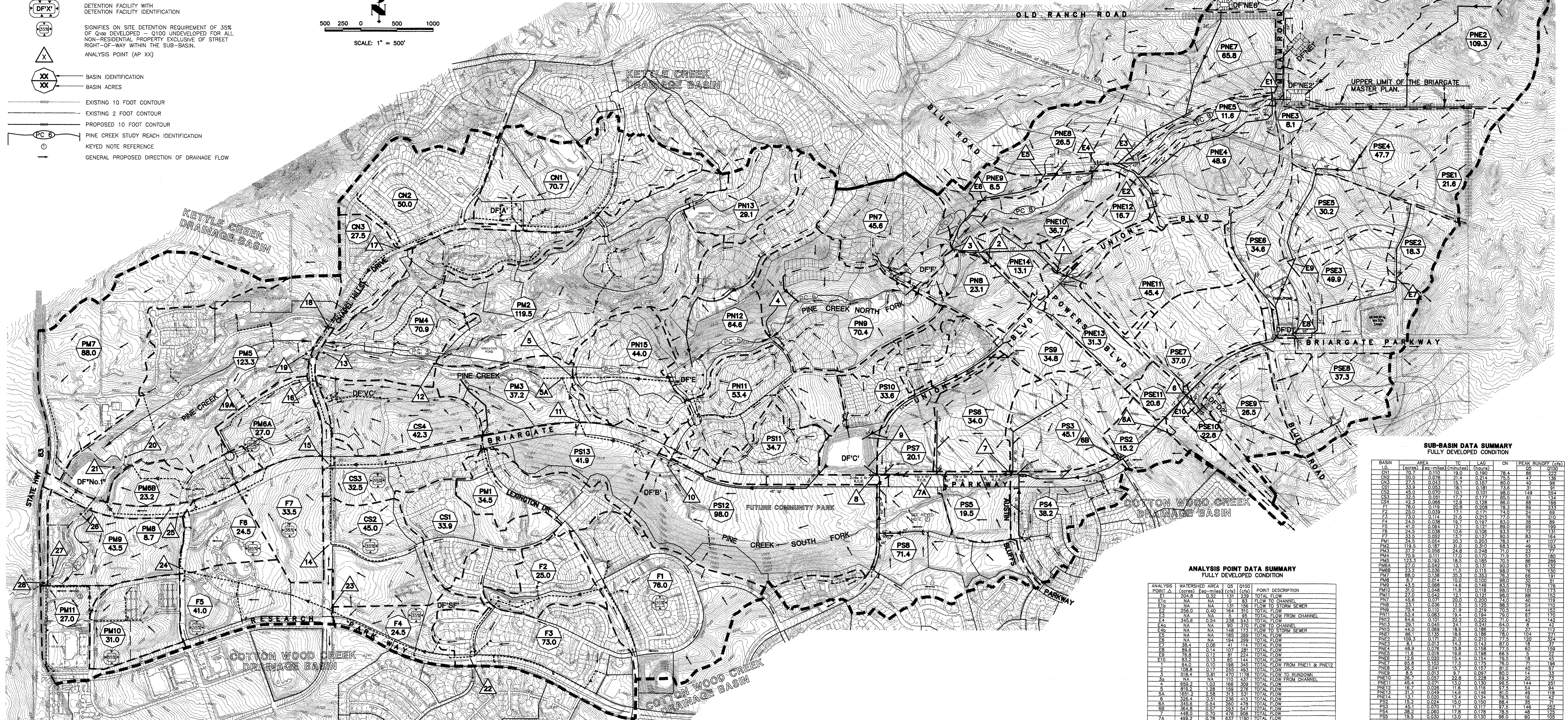


LEGEND

- CURRENT MAJOR DRAINAGE BASIN BOUNDARY
- CURRENT SUB-BASIN BOUNDARY
- PREVIOUS MAJOR DRAINAGE BASIN BOUNDARY (AMENDMENT 2)
- LIMIT OF CURRENT STUDY
- UPPER LIMIT BRIARGATE MASTER PLAN
- EXISTING STORM DRAIN
- PROPOSED STORM DRAIN
- DF'X' DETENTION FACILITY WITH DETENTION FACILITY IDENTIFICATION
- DF'X' SIGNIFIES ON SITE DETENTION REQUIREMENT OF 35% OF Q100 DEVELOPED - Q100 UNDEVELOPED FOR ALL NON-RESIDENTIAL PROPERTY EXCLUSIVE OF STREET RIGHT-OF-WAY WITHIN THE SUB-BASIN.
- XX BASIN IDENTIFICATION
- XX BASIN ACRES
- EXISTING 10 FOOT CONTOUR
- EXISTING 2 FOOT CONTOUR
- PROPOSED 10 FOOT CONTOUR
- PC 6 PINE CREEK STUDY REACH IDENTIFICATION
- KEYED NOTE REFERENCE
- GENERAL PROPOSED DIRECTION OF DRAINAGE FLOW



AMENDMENT 3 TO PINE CREEK BASIN PLANNING STUDY FULLY DEVELOPED CONDITION BASIN MAP AND MASTER PLAN



SUB-BASIN DATA SUMMARY FULLY DEVELOPED CONDITION

BASIN ID	AREA (acres)	AREA (sq-miles)	TC (minutes)	LAG (hours)	Q100 (cfs)	Q100 (mgd)
PNE1	12.6	0.23	1.0	0.00	28.4	0.40
PNE2	86.1	1.57	1.0	0.00	28.4	0.40
PNE3	65.8	1.21	1.0	0.00	28.4	0.40
PNE4	48.9	0.89	1.0	0.00	28.4	0.40
PNE5	11.6	0.21	1.0	0.00	28.4	0.40
PNE6	8.5	0.15	1.0	0.00	28.4	0.40
PNE7	26.5	0.48	1.0	0.00	28.4	0.40
PNE8	23.1	0.42	1.0	0.00	28.4	0.40
PNE9	70.4	1.28	1.0	0.00	28.4	0.40
PNE10	36.7	0.66	1.0	0.00	28.4	0.40
PNE11	13.1	0.24	1.0	0.00	28.4	0.40
PNE12	16.7	0.30	1.0	0.00	28.4	0.40
PNE13	31.3	0.57	1.0	0.00	28.4	0.40
PNE14	23.1	0.42	1.0	0.00	28.4	0.40
PNE15	44.0	0.80	1.0	0.00	28.4	0.40
PNE16	64.8	1.18	1.0	0.00	28.4	0.40
PNE17	28.1	0.51	1.0	0.00	28.4	0.40
PNE18	45.6	0.83	1.0	0.00	28.4	0.40
PNE19	70.4	1.28	1.0	0.00	28.4	0.40
PNE20	33.6	0.61	1.0	0.00	28.4	0.40
PNE21	20.1	0.36	1.0	0.00	28.4	0.40
PNE22	71.4	1.29	1.0	0.00	28.4	0.40
PNE23	34.8	0.63	1.0	0.00	28.4	0.40
PNE24	34.0	0.62	1.0	0.00	28.4	0.40
PNE25	45.1	0.82	1.0	0.00	28.4	0.40
PNE26	15.2	0.27	1.0	0.00	28.4	0.40
PNE27	37.0	0.67	1.0	0.00	28.4	0.40
PNE28	20.6	0.37	1.0	0.00	28.4	0.40
PNE29	22.8	0.41	1.0	0.00	28.4	0.40
PNE30	26.5	0.48	1.0	0.00	28.4	0.40
PNE31	37.3	0.68	1.0	0.00	28.4	0.40
PNE32	46.9	0.85	1.0	0.00	28.4	0.40
PNE33	30.2	0.55	1.0	0.00	28.4	0.40
PNE34	47.7	0.87	1.0	0.00	28.4	0.40
PNE35	21.6	0.39	1.0	0.00	28.4	0.40
PNE36	18.3	0.33	1.0	0.00	28.4	0.40
PNE37	30.2	0.55	1.0	0.00	28.4	0.40
PNE38	46.9	0.85	1.0	0.00	28.4	0.40
PNE39	37.3	0.68	1.0	0.00	28.4	0.40
PNE40	26.5	0.48	1.0	0.00	28.4	0.40
PNE41	37.0	0.67	1.0	0.00	28.4	0.40
PNE42	20.6	0.37	1.0	0.00	28.4	0.40
PNE43	22.8	0.41	1.0	0.00	28.4	0.40
PNE44	26.5	0.48	1.0	0.00	28.4	0.40
PNE45	37.3	0.68	1.0	0.00	28.4	0.40
PNE46	46.9	0.85	1.0	0.00	28.4	0.40
PNE47	30.2	0.55	1.0	0.00	28.4	0.40
PNE48	47.7	0.87	1.0	0.00	28.4	0.40
PNE49	21.6	0.39	1.0	0.00	28.4	0.40
PNE50	18.3	0.33	1.0	0.00	28.4	0.40
PNE51	30.2	0.55	1.0	0.00	28.4	0.40
PNE52	46.9	0.85	1.0	0.00	28.4	0.40
PNE53	37.3	0.68	1.0	0.00	28.4	0.40
PNE54	26.5	0.48	1.0	0.00	28.4	0.40
PNE55	37.0	0.67	1.0	0.00	28.4	0.40
PNE56	20.6	0.37	1.0	0.00	28.4	0.40
PNE57	22.8	0.41	1.0	0.00	28.4	0.40
PNE58	26.5	0.48	1.0	0.00	28.4	0.40
PNE59	37.3	0.68	1.0	0.00	28.4	0.40
PNE60	46.9	0.85	1.0	0.00	28.4	0.40
PNE61	30.2	0.55	1.0	0.00	28.4	0.40
PNE62	47.7	0.87	1.0	0.00	28.4	0.40
PNE63	21.6	0.39	1.0	0.00	28.4	0.40
PNE64	18.3	0.33	1.0	0.00	28.4	0.40
PNE65	30.2	0.55	1.0	0.00	28.4	0.40
PNE66	46.9	0.85	1.0	0.00	28.4	0.40
PNE67	37.3	0.68	1.0	0.00	28.4	0.40
PNE68	26.5	0.48	1.0	0.00	28.4	0.40
PNE69	37.0	0.67	1.0	0.00	28.4	0.40
PNE70	20.6	0.37	1.0	0.00	28.4	0.40
PNE71	22.8	0.41	1.0	0.00	28.4	0.40
PNE72	26.5	0.48	1.0	0.00	28.4	0.40
PNE73	37.3	0.68	1.0	0.00	28.4	0.40
PNE74	46.9	0.85	1.0	0.00	28.4	0.40
PNE75	30.2	0.55	1.0	0.00	28.4	0.40
PNE76	47.7	0.87	1.0	0.00	28.4	0.40
PNE77	21.6	0.39	1.0	0.00	28.4	0.40
PNE78	18.3	0.33	1.0	0.00	28.4	0.40
PNE79	30.2	0.55	1.0	0.00	28.4	0.40
PNE80	46.9	0.85	1.0	0.00	28.4	0.40
PNE81	37.3	0.68	1.0	0.00	28.4	0.40
PNE82	26.5	0.48	1.0	0.00	28.4	0.40
PNE83	37.0	0.67	1.0	0.00	28.4	0.40
PNE84	20.6	0.37	1.0	0.00	28.4	0.40
PNE85	22.8	0.41	1.0	0.00	28.4	0.40
PNE86	26.5	0.48	1.0	0.00	28.4	0.40
PNE87	37.3	0.68	1.0	0.00	28.4	0.40
PNE88	46.9	0.85	1.0	0.00	28.4	0.40
PNE89	30.2	0.55	1.0	0.00	28.4	0.40
PNE90	47.7	0.87	1.0	0.00	28.4	0.40
PNE91	21.6	0.39	1.0	0.00	28.4	0.40
PNE92	18.3	0.33	1.0	0.00	28.4	0.40
PNE93	30.2	0.55	1.0	0.00	28.4	0.40
PNE94	46.9	0.85	1.0	0.00	28.4	0.40
PNE95	37.3	0.68	1.0	0.00	28.4	0.40
PNE96	26.5	0.48	1.0	0.00	28.4	0.40
PNE97	37.0	0.67	1.0	0.00	28.4	0.40
PNE98	20.6	0.37	1.0	0.00	28.4	0.40
PNE99	22.8	0.41	1.0	0.00	28.4	0.40
PNE100	26.5	0.48	1.0	0.00	28.4	0.40

ANALYSIS POINT DATA SUMMARY FULLY DEVELOPED CONDITION

ANALYSIS POINT	WATERSHED AREA (acres)	Q5 (cfs)	Q100 (cfs)	POINT DESCRIPTION
1	204.8	0.32	131	TOTAL FLOW
2	204.8	0.32	131	TOTAL FLOW
3	204.8	0.32	131	TOTAL FLOW
4	204.8	0.32	131	TOTAL FLOW
5	204.8	0.32	131	TOTAL FLOW
6	204.8	0.32	131	TOTAL FLOW
7	204.8	0.32	131	TOTAL FLOW
8	204.8	0.32	131	TOTAL FLOW
9	204.8	0.32	131	TOTAL FLOW
10	204.8	0.32	131	TOTAL FLOW
11	204.8	0.32	131	TOTAL FLOW
12	204.8	0.32	131	TOTAL FLOW
13	204.8	0.32	131	TOTAL FLOW
14	204.8	0.32	131	TOTAL FLOW
15	204.8	0.32	131	TOTAL FLOW
16	204.8	0.32	131	TOTAL FLOW
17	204.8	0.32	131	TOTAL FLOW
18	204.8	0.32	131	TOTAL FLOW
19	204.8	0.32	131	TOTAL FLOW
20	204.8	0.32	131	TOTAL FLOW
21	204.8	0.32	131	TOTAL FLOW
22	204.8	0.32	131	TOTAL FLOW
23	204.8	0.32	131	TOTAL FLOW
24	204.8	0.32	131	TOTAL FLOW
25	204.8	0.32	131	TOTAL FLOW
26	204.8	0.32	131	TOTAL FLOW
27	204.8	0.32	131	TOTAL FLOW
28	204.8	0.32	131	TOTAL FLOW
29	204.8	0.32	131	TOTAL FLOW
30	204.8	0.32	131	TOTAL FLOW
31	204.8	0.32	131	TOTAL FLOW
32	204.8	0.32	131	TOTAL FLOW
33	204.8	0.32	131	TOTAL FLOW
34	204.8	0.32	131	TOTAL FLOW
35	204.8	0.32	131	TOTAL FLOW
36	204.8	0.32	131	TOTAL FLOW
37	204.8	0.32	131	TOTAL FLOW
38	204.8	0.32	131	TOTAL FLOW
39	204.8	0.32	131	TOTAL FLOW
40	204.8	0.32	131	TOTAL FLOW
41	204.8	0.32	131	TOTAL FLOW
42	204.8	0.32	131	TOTAL FLOW
43	204.8	0.32	131	TOTAL FLOW
44	204.8	0.32	131	TOTAL FLOW
45	204.8	0.32	131	TOTAL FLOW
46	204.8	0.32	131	TOTAL FLOW
47	204.8	0.32	131	TOTAL FLOW
48	204.8	0.32	131	TOTAL FLOW
49	204.8	0.32	131	TOTAL FLOW
50	204.8	0.32	131	TOTAL FLOW
51	204.8	0.32	131	TOTAL FLOW
52	204.8	0.32	131	TOTAL FLOW
53	204.8	0.32	131	TOTAL FLOW
54	204.8	0.32	131	TOTAL FLOW
55	204.8	0.32	131	TOTAL FLOW
56	204.8	0.32	131	TOTAL FLOW
57	204.8	0.32	131	TOTAL FLOW
58	204.8	0.32	131	TOTAL FLOW
59	204.8	0.32	131	TOTAL FLOW
60	204.8	0.32	131	TOTAL FLOW
61	204.8	0.32	131	TOTAL FLOW
62	204.8	0.32	131	TOTAL FLOW
63	204.8	0.32	131	TOTAL FLOW
64	204.8	0.32	131	TOTAL FLOW
65	204.8	0.32	131	TOTAL FLOW
66	204.8	0.32	131	TOTAL FLOW
67	204.8	0.32	131	TOTAL FLOW
68	204.8	0.32	131	TOTAL FLOW
69	204.8	0.32	131	TOTAL FLOW
70	204.8	0.32	131	TOTAL FLOW
71	204.8	0.32	131	TOTAL FLOW
72	204.8	0.32	131	TOTAL FLOW
73	204.8	0.32	131	TOTAL FLOW
74	204.8	0.32	131	TOTAL FLOW
75	204.8	0.32	131	TOTAL FLOW
76	204.8	0.32	131	TOTAL FLOW
77	204.8	0.32	131	TOTAL FLOW
78	204.8	0.32	131	TOTAL FLOW
79	204.8	0.32	131	TOTAL FLOW
80	204.8	0.32	131	TOTAL FLOW
81	204.8	0.32	131	TOTAL FLOW