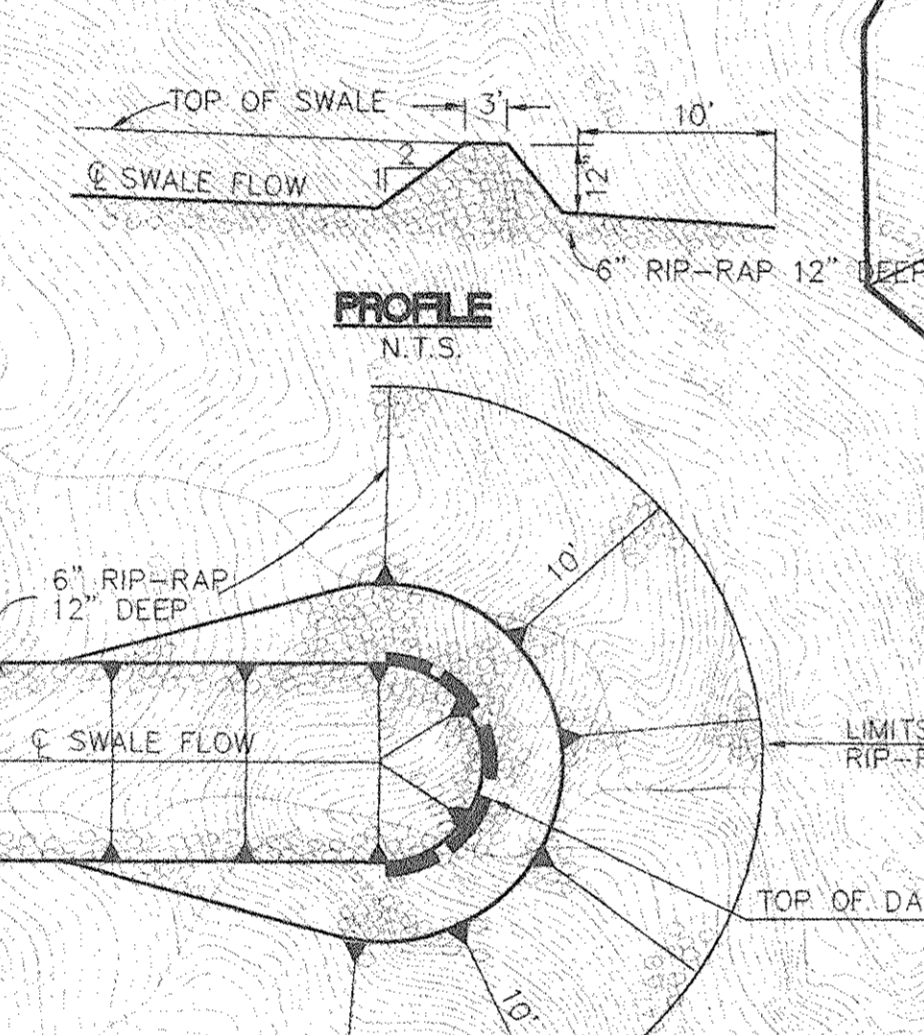
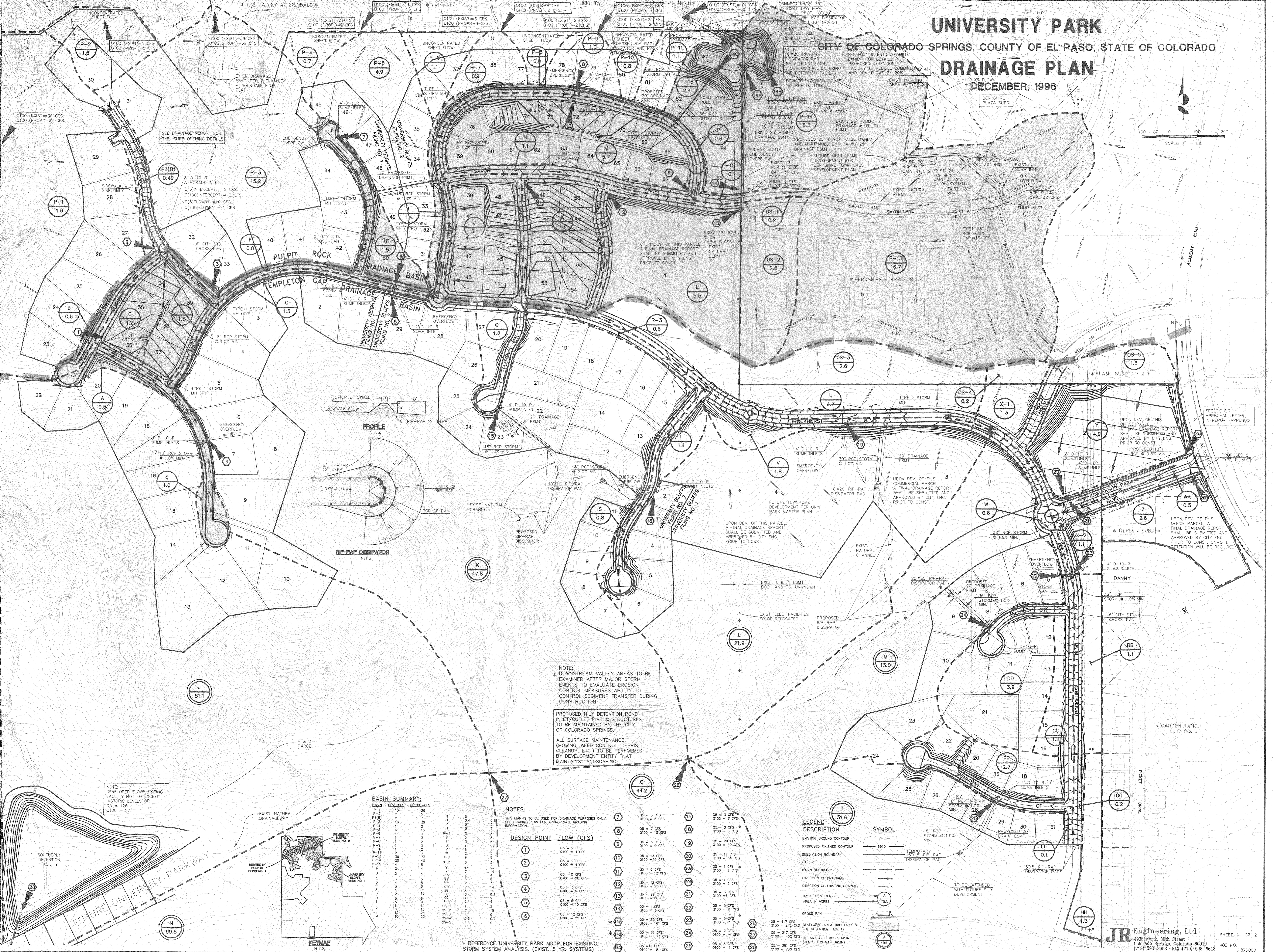
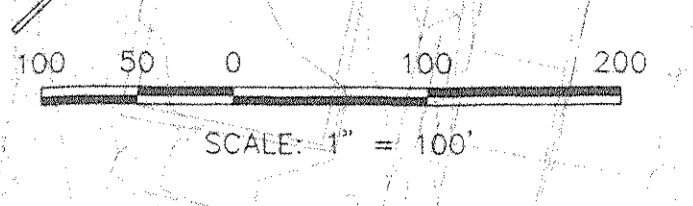


UNIVERSITY PARK

CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, STATE OF COLORADO

DRAINAGE PLAN

DECEMBER, 1996



NOTE:
* DOWNSTREAM VALLEY AREAS TO BE EXAMINED AFTER MAJOR STORM EVENTS TO EVALUATE EROSION CONTROL MEASURES ABILITY TO CONTROL SEDIMENT TRANSFER DURING CONSTRUCTION

PROPOSED NLY DETENTION POND INLET/OUTLET PIPE & STRUCTURES TO BE MAINTAINED BY THE CITY OF COLORADO SPRINGS.
ALL SURFACE MAINTENANCE (MOWING, WEED CONTROL, DEBRIS CLEANUP, ETC.) TO BE PERFORMED BY DEVELOPMENT ENTITY THAT MAINTAINS LANDSCAPING.

BASIN SUMMARY:

BASIN	Q100 (EXIST.)	Q100 (PROP.)	Q1000 (PROP.)
P-1	11.6	11.6	11.6
P-2	1.8	1.8	1.8
P-3	15.2	15.2	15.2
P-4	0.7	0.7	0.7
P-5	4.9	4.9	4.9
P-6	1.1	1.1	1.1
P-7	0.9	0.9	0.9
P-8	0.8	0.8	0.8
P-9	0.8	0.8	0.8
P-10	0.8	0.8	0.8
P-11	1.1	1.1	1.1
P-12	2.4	2.4	2.4
P-13	0.8	0.8	0.8
P-14	0.8	0.8	0.8
P-15	2.4	2.4	2.4
P-16	0.8	0.8	0.8
P-17	0.8	0.8	0.8
P-18	0.8	0.8	0.8
P-19	0.8	0.8	0.8
P-20	0.8	0.8	0.8
P-21	0.8	0.8	0.8
P-22	0.8	0.8	0.8
P-23	0.8	0.8	0.8
P-24	0.8	0.8	0.8
P-25	0.8	0.8	0.8
P-26	0.8	0.8	0.8
P-27	0.8	0.8	0.8
P-28	0.8	0.8	0.8
P-29	0.8	0.8	0.8
P-30	0.8	0.8	0.8
P-31	0.8	0.8	0.8
P-32	0.8	0.8	0.8
P-33	0.8	0.8	0.8
P-34	0.8	0.8	0.8
P-35	0.8	0.8	0.8
P-36	0.8	0.8	0.8
P-37	0.8	0.8	0.8
P-38	0.8	0.8	0.8
P-39	0.8	0.8	0.8
P-40	0.8	0.8	0.8
P-41	0.8	0.8	0.8
P-42	0.8	0.8	0.8
P-43	0.8	0.8	0.8
P-44	0.8	0.8	0.8
P-45	0.8	0.8	0.8
P-46	0.8	0.8	0.8
P-47	0.8	0.8	0.8
P-48	0.8	0.8	0.8
P-49	0.8	0.8	0.8
P-50	0.8	0.8	0.8
P-51	0.8	0.8	0.8
P-52	0.8	0.8	0.8
P-53	0.8	0.8	0.8
P-54	0.8	0.8	0.8
P-55	0.8	0.8	0.8
P-56	0.8	0.8	0.8
P-57	0.8	0.8	0.8
P-58	0.8	0.8	0.8
P-59	0.8	0.8	0.8
P-60	0.8	0.8	0.8
P-61	0.8	0.8	0.8
P-62	0.8	0.8	0.8
P-63	0.8	0.8	0.8
P-64	0.8	0.8	0.8
P-65	0.8	0.8	0.8
P-66	0.8	0.8	0.8
P-67	0.8	0.8	0.8
P-68	0.8	0.8	0.8
P-69	0.8	0.8	0.8
P-70	0.8	0.8	0.8
P-71	0.8	0.8	0.8
P-72	0.8	0.8	0.8
P-73	0.8	0.8	0.8
P-74	0.8	0.8	0.8
P-75	0.8	0.8	0.8
P-76	0.8	0.8	0.8
P-77	0.8	0.8	0.8
P-78	0.8	0.8	0.8
P-79	0.8	0.8	0.8
P-80	0.8	0.8	0.8
P-81	0.8	0.8	0.8
P-82	0.8	0.8	0.8
P-83	0.8	0.8	0.8
P-84	0.8	0.8	0.8
P-85	0.8	0.8	0.8
P-86	0.8	0.8	0.8
P-87	0.8	0.8	0.8
P-88	0.8	0.8	0.8
P-89	0.8	0.8	0.8
P-90	0.8	0.8	0.8
P-91	0.8	0.8	0.8
P-92	0.8	0.8	0.8
P-93	0.8	0.8	0.8
P-94	0.8	0.8	0.8
P-95	0.8	0.8	0.8
P-96	0.8	0.8	0.8
P-97	0.8	0.8	0.8
P-98	0.8	0.8	0.8
P-99	0.8	0.8	0.8
P-100	0.8	0.8	0.8

NOTES:

THIS MAP IS TO BE USED FOR DRAINAGE PURPOSES ONLY. SEE GRADING PLAN FOR APPROPRIATE GRADING INFORMATION.

DESIGN POINT FLOW (CFS)

1	Q5 = 2 CFS Q100 = 4 CFS
2	Q5 = 2 CFS Q100 = 4 CFS
3	Q5 = 10 CFS Q100 = 20 CFS
4	Q5 = 3 CFS Q100 = 6 CFS
5	Q5 = 3 CFS Q100 = 10 CFS
6	Q5 = 12 CFS Q100 = 25 CFS
7	Q5 = 3 CFS Q100 = 6 CFS
8	Q5 = 3 CFS Q100 = 6 CFS
9	Q5 = 5 CFS Q100 = 9 CFS
10	Q5 = 13 CFS Q100 = 29 CFS
11	Q5 = 6 CFS Q100 = 12 CFS
12	Q5 = 12 CFS Q100 = 25 CFS
13	Q5 = 29 CFS Q100 = 60 CFS
14	Q5 = 1 CFS Q100 = 3 CFS
15	Q5 = 30 CFS Q100 = 61 CFS
16	Q5 = 36 CFS Q100 = 73 CFS
17	Q5 = 41 CFS Q100 = 81 CFS
18	Q5 = 3 CFS Q100 = 6 CFS
19	Q5 = 7 CFS Q100 = 13 CFS
20	Q5 = 20 CFS Q100 = 40 CFS
21	Q5 = 17 CFS Q100 = 34 CFS
22	Q5 = 5 CFS Q100 = 11 CFS
23	Q5 = 5 CFS Q100 = 11 CFS
24	Q5 = 7 CFS Q100 = 14 CFS
25	Q5 = 3 CFS Q100 = 6 CFS
26	Q5 = 117 CFS Q100 = 242 CFS
27	Q5 = 217 CFS Q100 = 452 CFS
28	Q5 = 3 CFS Q100 = 6 CFS
29	Q5 = 381 CFS Q100 = 780 CFS

LEGEND

DESCRIPTION	SYMBOL
EXISTING GROUND CONTOUR	---
PROPOSED FINISHED CONTOUR	---
SUBDIVISION BOUNDARY	---
LOT LINE	---
BASIN BOUNDARY	---
DIRECTION OF DRAINAGE	---
DIRECTION OF EXISTING DRAINAGE	---
BASIN IDENTIFIER	---
AREA IN ACRES	---
CROSS-PAN	---
DEVELOPED AREA TRIBUTARY TO THE DETENTION FACILITY	---
RE-ANALYZED MDDP BASIN (EMPLETON GAP BASIN)	---