



DEVELOPED DRAINAGE BASIN TABLE

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
1	4.71	11.9	23.7
2	4.33	9.9	19.7
3	4.60	9.7	19.3
4	7.21	16.0	31.3
5	7.12	15.9	31.4
6	3.02	6.9	13.7
7	6.39	14.2	28.2
8	6.35	14.1	28.0
9	2.73	5.9	11.7
9A	2.72	6.5	13.3
10	3.74	9.2	18.6

DEVELOPED DRAINAGE BASIN TABLE

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
11	2.64	6.3	12.6
12	6.96	15.0	29.7
13	0.77	2.2	4.4
14	4.01	11.4	21.1
15	8.70	18.3	36.5
16	4.40	10.0	20.0
17	5.37	16.2	29.3
17A	20.04	58.6	102.9
18	5.03	12.1	24.3
19	2.22	5.3	10.9

DEVELOPED DRAINAGE BASIN TABLE

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
20	9.52	19.6	39.1
21	3.03	6.7	13.4
22	2.50	5.8	11.5
23	3.88	8.4	16.6
24	7.44	15.6	31.2
25	1.09	2.9	6.0
26	10.85	21.1	40.6
27	2.48	6.1	11.8
28	7.27	16.1	32.1
29	8.07	19.9	40.1

DEVELOPED DRAINAGE BASIN TABLE

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
30	12.16	26.3	54.9
31	9.80	15.1	30.0
32	8.60	18.1	36.1
33	2.60	6.2	12.6
34	8.40	15.6	33.6
35	6.58	13.4	26.7
36	3.08	7.6	15.3
36A	1.35	3.6	7.2
37	4.27	9.0	17.9
38	7.39	14.2	28.5
39	6.31	14.0	27.8

DEVELOPED DRAINAGE BASIN TABLE

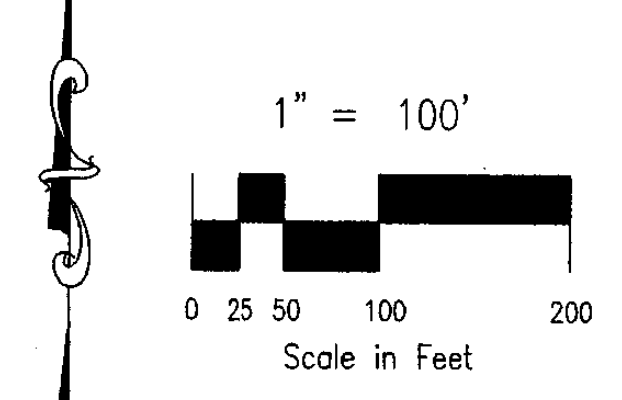
BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
40	2.00	4.9	9.9
41	5.95	14.3	28.8
42	0.74	2.0	4.0
43	1.17	3.2	6.2
44	1.45	4.2	8.5
45	4.22	8.6	17.1
46	6.23	14.2	28.3
47	2.33	5.7	11.6
48	2.17	5.5	10.9
49	5.49	11.2	22.3


DEVELOPED DRAINAGE BASIN TABLE

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
50	2.56	6.5	12.9
51	36.45	60.8	109.8
51A	27.62	62.5	119.9
52	4.28	11.0	19.3
53	32.70	71.4	127.9
54	2.38	33.8	59.3
55	2.48	8.3	14.6
56	38.68	81.2	144.7
DP#1	9.04	20.6	41.1
DP#2	20.85	43.8	87.6

DEVELOPED DRAINAGE BASIN TABLE

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
DP#3	15.47	29.7	60.6
DP#4	18.19	32.7	66.2
DP#5	37.37	65.0	130.8
DP#6	8.53	17.9	36.8
DP#7	52.64	94.8	188.9
DP#8	8.83	19.5	38.1
DP#9	11.0	20.5	43.4
DP#10	8.31	18.4	36.6
DP#11	6.83	13.1	26.3





ENGINEERING • SURVEYING  
2928 STRAUS LANE, SUITE #100  
COLLEEN SPRINGS, CO 80607  
(719) 475-2575 • FAX (719) 475-8223

**WAGON TRAILS  
DEVELOPED DRAINAGE PLAN**

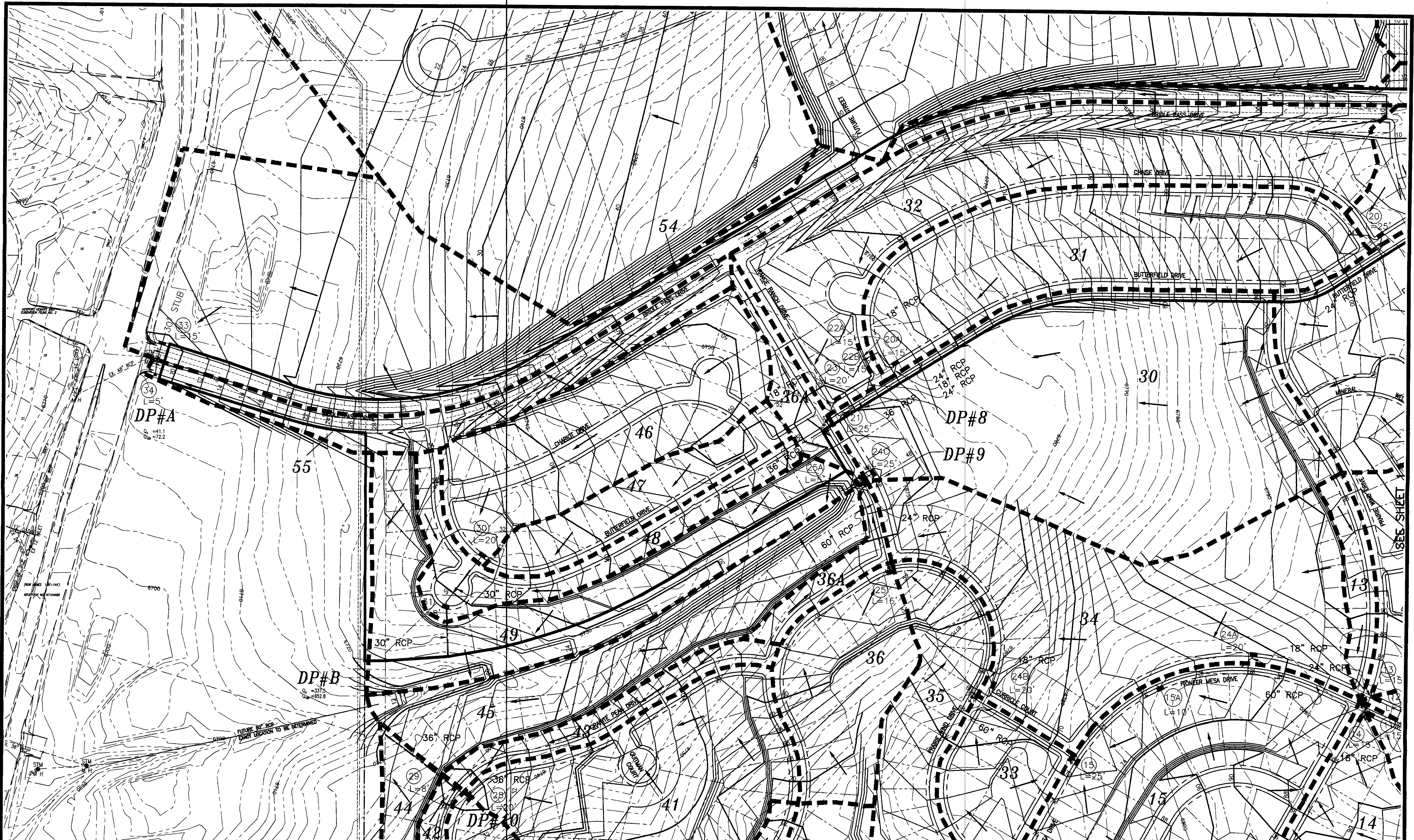
TITLE : 97-104

SCALE : 1"=100' DRAWN BY : FRC

DATE : 8/17/99 CHECKED BY : KDR

JOB NO.

SHEET 3  
FILE: 971040P.DWG 8/17/99



SEE SHEET 3

DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
1	4.71	11.9	23.7
2	4.33	9.9	19.7
3	4.60	9.7	19.3
4	7.21	16.0	31.3
5	7.12	15.9	31.4
6	3.02	6.9	13.7
7	6.39	14.2	28.2
8	6.35	14.1	28.0
9	2.73	5.9	11.7
9A	2.72	6.5	13.3
10	3.74	9.2	18.6

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
11	2.64	6.3	12.8
12	6.96	15.0	29.7
13	0.77	2.2	4.4
14	4.01	11.4	21.1
15	8.70	18.3	36.5
16	4.40	10.0	20.0
17	5.37	16.5	29.3
17A	20.04	58.6	102.9
18	5.03	12.1	24.3
19	2.22	5.3	10.9

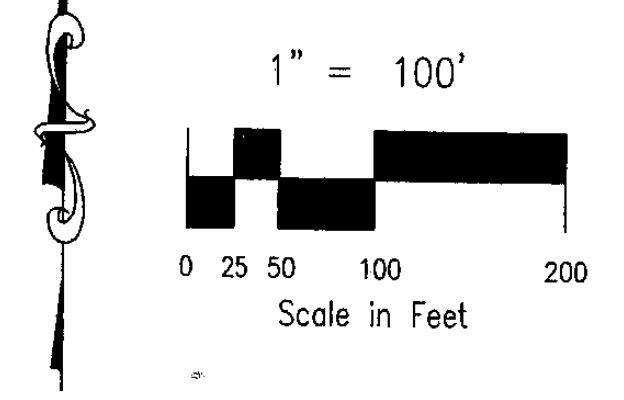
BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
20	9.82	19.6	39.1
21	3.03	6.7	13.4
22	2.60	5.8	11.5
23	3.88	8.4	16.6
24	7.44	15.6	31.2
25	1.09	2.9	6.0
26	10.85	21.1	40.5
27	2.48	6.1	11.8
28	7.27	16.1	32.1
29	8.07	19.9	40.1


BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
30	12.16	26.3	54.9
31	6.80	15.1	30.0
32	8.60	18.1	36.1
33	2.60	6.2	12.6
34	8.40	15.6	33.6
35	6.58	13.4	26.7
36	3.08	7.6	15.3
36A	1.35	3.6	7.2
37	4.27	9.0	17.9
38	7.39	14.2	28.5
39	6.31	12.6	25.2

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
40	2.00	4.9	9.9
41	5.96	14.3	28.8
42	0.74	2.0	4.0
43	1.17	3.2	6.2
44	1.45	4.2	8.5
45	4.22	8.6	17.1
46	6.23	14.2	28.3
47	2.33	5.7	11.6
48	2.17	5.5	10.9
49	5.49	11.2	22.3

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
50	2.56	6.5	12.9
51	36.45	60.8	109.8
51A	27.62	62.5	112.9
52	4.28	11.0	19.3
53	32.70	71.4	127.9
54	2.38	33.8	59.5
55	2.48	8.3	14.6
56	38.88	81.2	144.7
DP#1	9.04	20.6	41.1
DP#2	20.85	43.8	87.6

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
DP#3	15.47	29.7	60.6
DP#4	18.19	32.7	66.2
DP#5	37.37	65.0	130.8
DP#6	8.53	17.9	35.8
DP#7	52.64	94.8	188.9
DP#8	8.83	19.5	38.1
DP#9	11.0	20.5	43.4
DP#10	8.31	18.4	36.6
DP#11	6.63	13.1	26.3

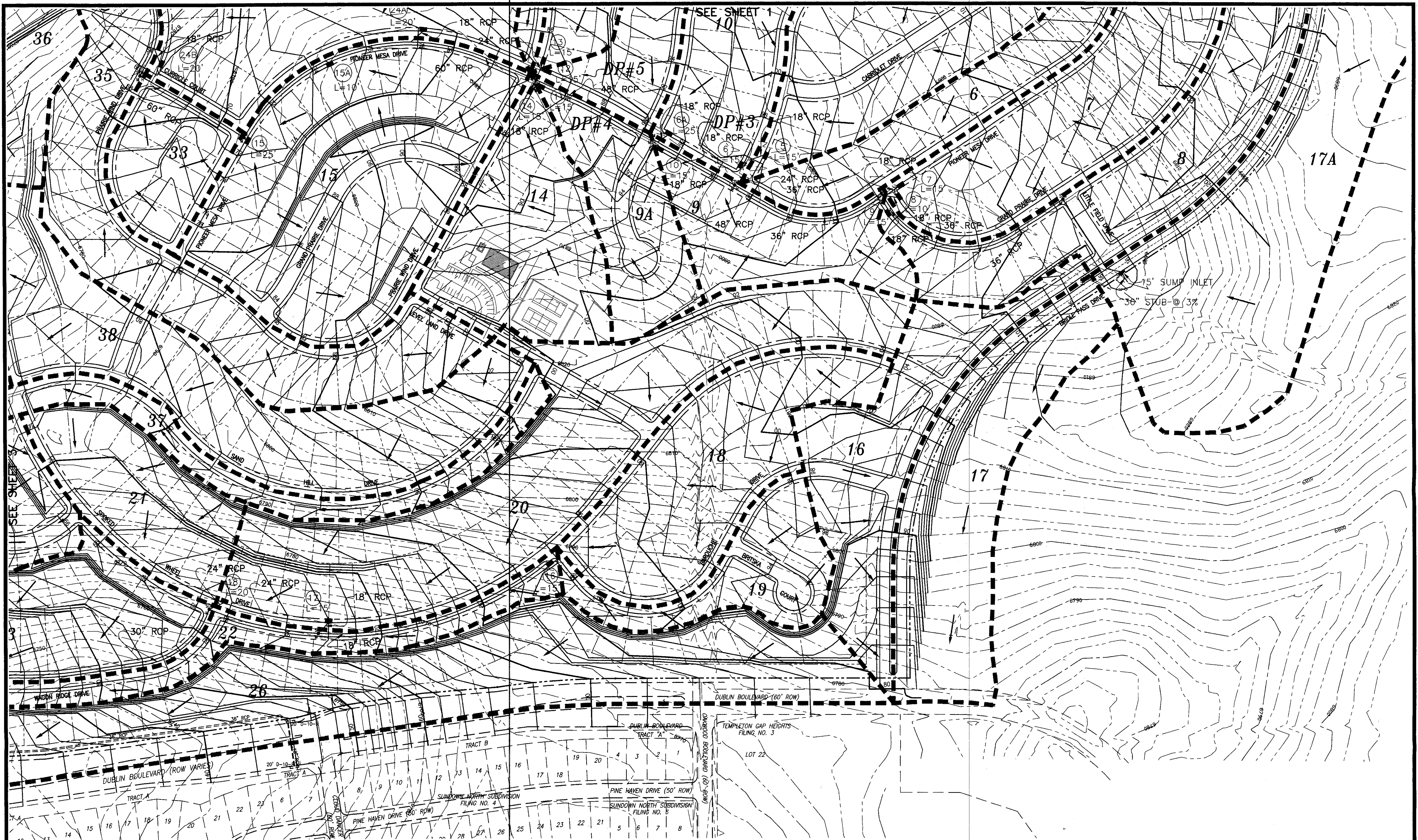




ENGINEERING • SURVEYING  
2028 STANIS LAKE SUITE #100  
COLORADO SPRINGS, CO 80907  
(719) 475-2375 • FAX (719) 475-2233

**WAGON TRAILS  
DEVELOPED DRAINAGE PLAN**

TITLE : \_\_\_\_\_ DRAWN BY : FRC  
SCALE : 1"=100' DATE : 8/17/99 CHECKED BY : KDR  
SHEET 4 JOB NO. 97-104  
FILE: 97104DP.DWG 8/17/99



DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE

BASIN	AREA (Ac.)	Q <sub>2</sub> (CFS)	Q <sub>100</sub> (CFS)
1	4.71	11.9	23.7
2	4.33	9.9	19.7
3	4.60	9.7	19.3
4	7.21	16.0	31.3
5	7.12	15.9	31.4
6	3.02	6.9	13.7
7	6.39	14.2	28.2
8	6.35	14.1	28.0
9	2.73	5.9	11.7
9A	2.72	5.5	13.3
10	3.74	9.2	18.6

BASIN	AREA (Ac.)	Q <sub>2</sub> (CFS)	Q <sub>100</sub> (CFS)
11	2.64	6.3	12.8
12	6.96	15.0	29.7
13	0.77	2.2	4.4
14	4.01	11.4	21.1
15	8.70	18.3	36.5
16	4.40	10.0	20.0
17	5.37	16.5	29.3
17A	20.04	55.5	102.9
18	5.03	12.1	24.3
19	2.22	5.3	10.9

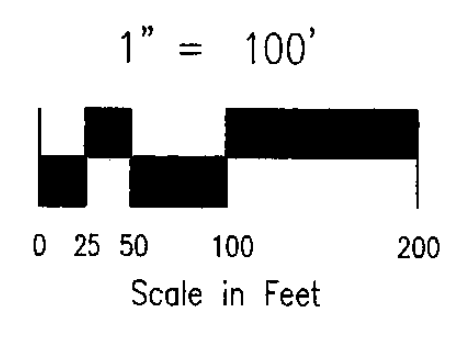
BASIN	AREA (Ac.)	Q <sub>2</sub> (CFS)	Q <sub>100</sub> (CFS)
20	9.62	19.6	39.1
21	3.03	6.7	13.4
22	2.60	5.8	11.5
23	3.88	8.4	16.6
24	7.44	15.6	31.2
25	1.09	2.9	6.0
26	10.85	21.1	40.6
27	2.48	6.1	11.8
28	7.27	16.1	32.1
29	8.07	19.9	40.1


BASIN	AREA (Ac.)	Q <sub>2</sub> (CFS)	Q <sub>100</sub> (CFS)
30	12.15	26.3	54.9
31	6.80	15.1	30.0
32	8.60	18.1	36.1
33	2.60	6.2	12.6
34	8.40	15.6	33.6
35	6.58	13.4	26.7
36	3.08	7.6	15.3
36A	1.35	3.6	7.2
37	4.27	9.0	17.9
38	7.39	14.2	28.5
39	6.31	14.0	27.8

BASIN	AREA (Ac.)	Q <sub>2</sub> (CFS)	Q <sub>100</sub> (CFS)
40	2.00	4.9	9.9
41	5.96	14.3	28.6
42	0.74	2.0	4.0
43	1.17	3.2	6.2
44	1.45	4.2	8.5
45	4.22	8.6	17.1
46	6.23	14.2	28.3
47	2.33	5.7	11.6
48	2.17	5.5	10.9
49	5.49	11.2	22.3

BASIN	AREA (Ac.)	Q <sub>2</sub> (CFS)	Q <sub>100</sub> (CFS)
50	2.56	6.5	12.9
51	36.45	60.8	109.8
51A	27.62	62.5	112.9
52	4.28	11.0	19.3
53	32.70	71.4	127.9
54	2.38	33.8	59.3
55	2.48	8.3	14.6
56	38.88	81.2	144.7
DP#1	9.04	20.6	41.1
DP#2	20.85	43.8	87.6

BASIN	AREA (Ac.)	Q <sub>2</sub> (CFS)	Q <sub>100</sub> (CFS)
DP#3	15.47	29.7	60.6
DP#4	18.19	32.7	66.2
DP#5	37.37	65.0	130.8
DP#6	6.53	17.9	35.8
DP#7	52.64	94.8	189.9
DP#8	8.83	19.5	38.1
DP#9	11.0	20.5	43.4
DP#10	8.31	18.4	36.6
DP#11	6.83	13.1	26.3





ENGINEERING • SURVEYING  
2628 STRONG LANE, SUITE #100  
COLORADO SPRINGS, CO 80907  
(719) 475-2575 • FAX (719) 475-9223

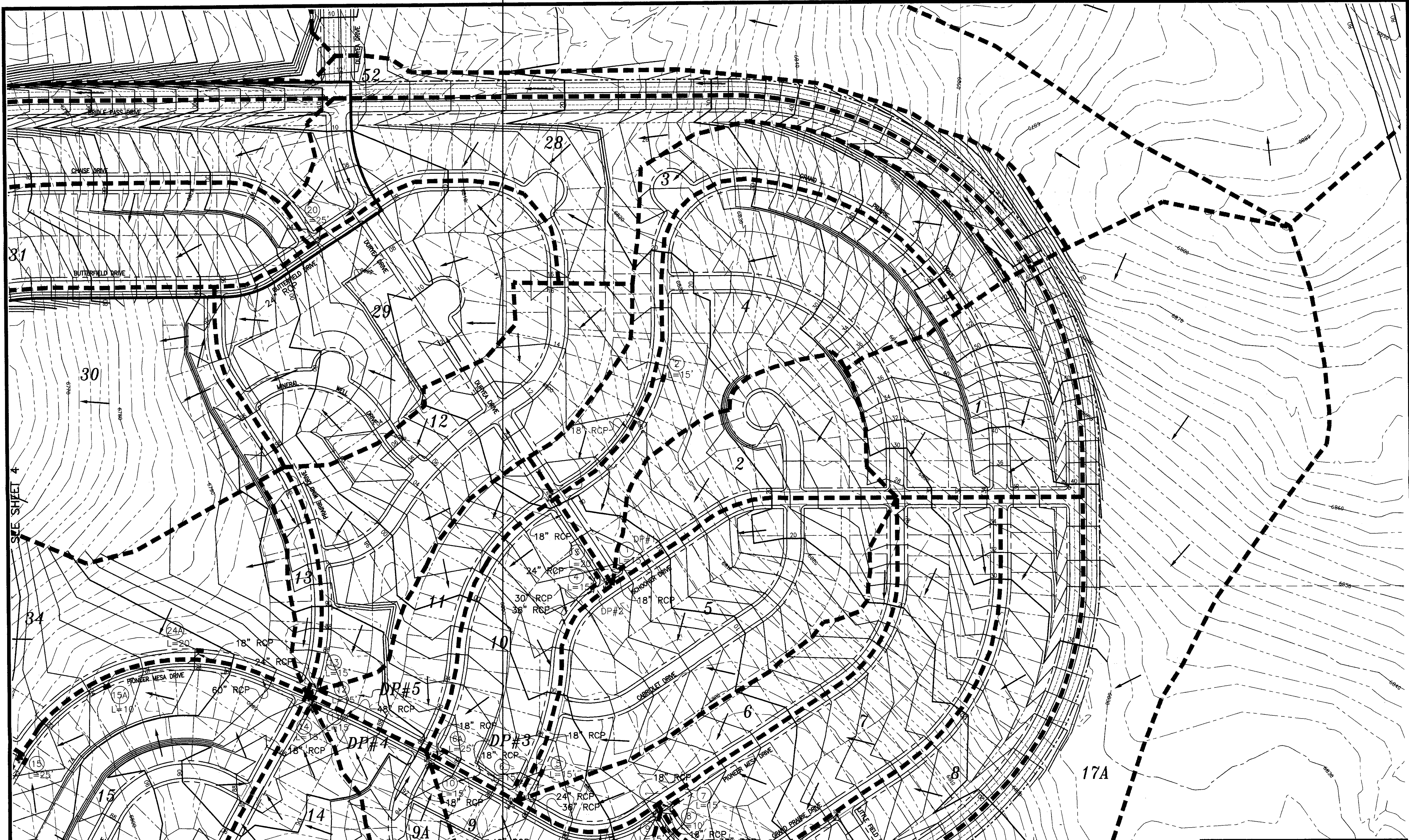
**WAGON TRAILS  
DEVELOPED DRAINAGE PLAN**

TITLE :  
SCALE : 1"=100'  
DATE : 8/17/99

DRAWN BY : FRC  
CHECKED BY : KDR

97-104  
JOB NO.

SHEET 2  
FILE: 97104DP.DWG 8/17/99



DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE DEVELOPED DRAINAGE BASIN TABLE

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
1	4.71	11.9	23.7
2	4.33	9.9	19.7
3	4.60	9.7	19.3
4	7.21	16.0	31.3
5	7.12	15.9	31.4
6	3.02	6.9	13.7
7	6.39	14.2	28.2
8	6.35	14.1	28.0
9	2.73	5.9	11.7
9A	2.72	6.5	13.3
10	3.74	9.2	18.6

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
11	2.64	6.3	12.8
12	6.96	15.0	29.7
13	0.77	2.2	4.4
14	4.01	11.4	21.1
15	8.70	18.3	36.5
16	4.40	10.0	20.0
17	5.37	16.5	29.3
17A	20.04	58.6	102.9
18	5.03	12.1	24.3
19	2.22	5.3	10.9

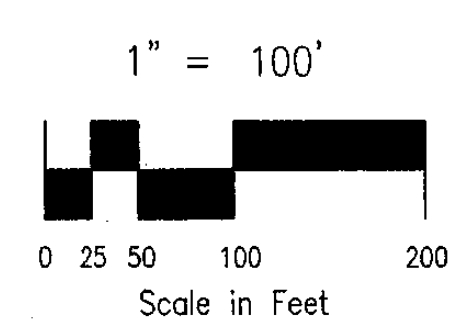
BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
20	9.62	19.6	39.1
21	3.03	6.7	13.4
22	2.60	5.8	11.5
23	3.88	8.4	16.6
24	7.44	15.6	31.2
25	1.09	2.9	6.0
26	10.85	21.1	40.6
27	2.48	6.1	11.8
28	7.27	16.1	32.1
29	8.07	19.9	40.1

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
30	12.16	26.3	54.9
31	6.80	15.1	30.0
32	8.60	18.1	36.1
33	2.60	6.2	12.6
34	8.40	15.6	33.6
35	6.58	13.4	26.7
36	3.08	7.6	15.3
36A	1.35	3.6	7.2
37	4.27	9.0	17.9
38	7.39	14.2	28.5
39	6.31	14.0	27.8

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
40	2.00	4.9	9.9
41	5.96	14.3	28.8
42	0.74	2.0	4.0
43	1.17	3.2	6.2
44	1.45	4.2	8.5
45	4.22	8.6	17.1
46	6.23	14.2	28.3
47	2.33	5.7	11.6
48	2.17	5.5	10.9
49	5.49	11.2	22.3

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
50	2.56	6.5	12.9
51	36.45	60.8	109.8
51A	27.62	62.5	112.9
52	4.28	11.0	19.3
53	32.70	71.4	127.9
54	2.38	33.8	59.3
55	2.48	8.3	14.6
56	38.68	81.2	144.7
DP#1	9.04	20.6	41.1
DP#2	20.85	43.8	87.6

BASIN	AREA (Ac.)	Q <sub>s</sub> (CFS)	Q <sub>100</sub> (CFS)
DP#3	13.47	29.7	60.6
DP#4	18.19	32.7	66.2
DP#5	37.37	65.0	130.8
DP#6	8.53	17.9	35.8
DP#7	52.64	94.8	188.9
DP#8	8.83	19.5	38.1
DP#9	11.0	20.5	43.4
DP#10	8.31	18.4	36.6
DP#11	6.83	13.1	26.3



**ROCKWELL MINCHOW**  
CONSULTANTS, INC.

ENGINEERING • SURVEYING  
2028 STRONG LANE, SUITE #100  
COLORADO SPRINGS, CO 80907  
(719) 475-2575 • FAX (719) 475-9223

---

**WAGON TRAILS  
DEVELOPED DRAINAGE PLAN**

TITLE : \_\_\_\_\_ DRAWN BY : FRC 97-104

SCALE : 1"=100' DATE : 8/17/99 CHECKED BY : KDR JOB NO.

SHEET 1  
FILE: 97104DP.DWG 8/17/99