



BASIN NO.	DESIGN POINT	CONTRIBUTING AREA (acres)	PERCENT IMPERVIOUS	RUNOFF COEFFICIENT C(5yr)	COEFFICIENT C(100yr)	ROUTED FLOWS 5yr(cfs)	FLOWS 100yr(cfs)	COMMENTS
A.1	1	0.50	11%	0.14	0.40	0.3	1.3	Single Type C Inlet with Close Mesh Grate
A.2	2	1.27	33%	0.26	0.48	1.25	4.0	Single Type C Inlet with Close Mesh Grate
A.3	3	2.29	45%	0.32	0.51	3.0	8.9	Single Type C Inlet with Close Mesh Grate
A.4	4	0.49	77%	0.58	0.68	1.3	2.9	5' Type R Inlet
A.5	5	0.29	90%	0.73	0.81	1.0	2.1	5' Type R Inlet
A.6	6	0.76	90%	0.73	0.81	2.6	5.4	5' Type R Inlet
A.7	7	0.25	90%	0.73	0.81	0.9	1.8	5' Type R Inlet
A.8	8	0.57	67%	0.47	0.6	1.3	3.0	5' Type R Inlet
A.9	9	0.94	84%	0.64	0.74	2.2	4.8	5' Type R Inlet
A.10	10	0.14	53%	0.37	0.53	0.2	0.7	5' Type R Inlet
A.11	11	0.37	45%	0.32	0.51	0.6	1.7	5' Type R Inlet
A.12	12	0.61	90%	0.73	0.81	2.1	4.4	5' Type R Inlet
A.13	13	0.59	90%	0.73	0.81	2.0	4.2	5' Type R Inlet
A.14	14	0.26	64%	0.45	0.63	0.6	1.4	Chase Section to A.15
A.15	15	0.46	79%	0.44	0.59	1.0	2.5	-
Sum A.14+A.15	15	0.72	-	-	-	1.5	3.7	5' Type R Inlet
A.16	16	0.18	90%	0.73	0.81	0.6	1.3	Flow into Basin A.17
A.17	17	0.25	90%	0.73	0.81	0.9	1.8	-
Sum A.16+A.17	16	0.43	-	-	-	1.4	2.9	5' Type R Inlet
A.18	17	0.55	90%	0.73	0.81	1.9	3.9	Future 5' Type R Inlet w/Commercial Construction
A.19	18	0.40	90%	0.73	0.81	1.4	2.9	Future 5' Type R Inlet w/Commercial Construction
A.20	19	0.44	90%	0.73	0.81	1.5	3.1	Future 5' Type R Inlet w/Commercial Construction
A.21	20	1.18	90%	0.73	0.81	4.1	8.4	Future 5' Type R Inlet w/Commercial Construction
B.1	21	0.56	36%	0.28	0.48	0.7	2.3	Flow into Basin B.2 in Curb
B.2	22	1.30	64%	0.45	0.63	2.3	6.0	Includes flow from B.1
Sum B.1+B.2	22	1.86	-	-	-	2.8	7.5	To be added with B.3+B.4
B.3	23	0.73	82%	0.45	0.63	1.4	3.7	Flow into Basin B.4 in Curb
B.4	24	0.71	52%	0.36	0.63	1.2	3.9	Includes Flow from B.3
Sum B.3+B.4	24	1.44	-	-	-	2.3	6.5	To be added with B.1+B.2
Sum B.1-B.4	25	0.14	-	-	-	2.2	13.8	Sum Flow into Existing 10' Type R Inlet

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Boondocks
 Parker, Colorado
 Developed Drainage Map

DATE 10/10/2014
 DES/DF/CHK WEM/km
 PROJ. NO. 13-343
 SHEET 2 OF 2

