



DRAINAGE AREA CALCULATIONS - PROPOSED

AREA NO.	AREA (acres)	RUNOFF COEFF	CA	Tc (min)	Q (cfs)	Q2 (cfs)	Q5 (cfs)	Q10 (cfs)	Q25 (cfs)	Q50 (cfs)	Q100 (cfs)	Q1000 (cfs)	COLLECTION POINT					
A10S	40.00	0.79	31.60	15.0	4.3	136.2	5.0	158.0	5.5	174.4	6.3	199.7	7.0	219.9	7.6	238.9	Existing Storm Drain	
A20S	0.40	0.95	0.38	15.0	4.3	1.6	5.0	1.9	5.5	2.1	6.3	2.4	7.0	2.6	7.6	2.9	8.2	Existing Storm Drain
A30S	0.30	0.95	0.29	15.0	4.3	1.2	5.0	1.4	5.5	1.6	6.3	1.8	7.0	2.0	7.6	2.2	7.6	Existing Storm Drain
A40S	0.50	0.95	0.48	15.0	4.3	2.0	5.0	2.4	5.5	2.6	6.3	3.0	7.0	3.3	7.6	3.6	7.6	Existing Storm Drain
A50S	0.60	0.95	0.57	15.0	4.3	2.5	5.0	2.9	5.5	3.1	6.3	3.6	7.0	4.0	7.6	4.3	7.6	Existing Storm Drain
A60S	0.50	0.95	0.48	15.0	4.3	2.0	5.0	2.4	5.5	2.6	6.3	3.0	7.0	3.3	7.6	3.6	7.6	Existing Storm Drain
A70S	0.30	0.95	0.29	15.0	4.3	1.2	5.0	1.4	5.5	1.6	6.3	1.8	7.0	2.0	7.6	2.2	7.6	Existing Storm Drain
A80S	0.50	0.95	0.48	15.0	4.3	2.0	5.0	2.4	5.5	2.6	6.3	3.0	7.0	3.3	7.6	3.6	7.6	Existing Storm Drain
A90S	0.60	0.95	0.57	15.0	4.3	2.5	5.0	2.9	5.5	3.1	6.3	3.6	7.0	4.0	7.6	4.3	7.6	Existing Storm Drain
A10	2.00	0.90	1.80	15.0	4.3	7.8	5.0	9.0	5.5	9.9	6.3	11.4	7.0	12.5	7.6	13.6	Future Storm Drain	
A11	1.80	0.90	1.62	15.0	4.3	7.0	5.0	8.1	5.5	8.9	6.3	10.2	7.0	11.3	7.6	12.2	Future Storm Drain	
A12	1.10	0.95	1.05	15.0	4.3	4.5	5.0	5.2	5.5	5.8	6.3	6.6	7.0	7.3	7.6	7.9	Future Curb Inlets	
A13	0.60	0.90	0.54	15.0	4.3	2.3	5.0	2.7	5.5	3.0	6.3	3.4	7.0	3.8	7.6	4.1	Future Storm Drain	
A14	1.00	0.90	0.90	15.0	4.3	3.9	5.0	4.5	5.5	5.0	6.3	5.7	7.0	6.3	7.6	6.8	Future Storm Drain	
A15	0.80	0.90	0.72	15.0	4.3	3.1	5.0	3.6	5.5	4.0	6.3	4.8	7.0	5.0	7.6	5.4	Future Storm Drain	
A16	0.80	0.95	0.76	15.0	4.3	3.3	5.0	3.8	5.5	4.2	6.3	4.8	7.0	5.3	7.6	5.7	Future Curb Inlets	
A17	1.00	0.40	0.40	15.0	4.3	1.7	5.0	2.0	5.5	2.2	6.3	2.5	7.0	2.8	7.6	3.0	Future Storm Drain	
A18	0.70	0.95	0.67	15.0	4.3	2.9	5.0	3.3	5.5	3.7	6.3	4.2	7.0	4.6	7.6	5.0	Future Curb Inlets	
A19	1.50	0.90	1.35	15.0	4.3	5.8	5.0	6.8	5.5	7.5	6.3	8.5	7.0	9.4	7.6	10.2	Future Storm Drain	
A20	0.50	0.95	0.48	15.0	4.3	2.0	5.0	2.4	5.5	2.6	6.3	3.0	7.0	3.3	7.6	3.6	Proposed Curb Inlet	
A21	1.60	0.90	1.44	15.0	4.3	6.2	5.0	7.2	5.5	7.9	6.3	9.1	7.0	10.0	7.6	10.9	Future Storm Drain	
A22	0.40	0.95	0.38	15.0	4.3	1.6	5.0	1.9	5.5	2.1	6.3	2.4	7.0	2.6	7.6	2.9	Future Curb Inlet	
A23	0.40	0.95	0.38	15.0	4.3	1.6	5.0	1.9	5.5	2.1	6.3	2.4	7.0	2.6	7.6	2.9	Future Curb Inlet	
A24	0.60	0.90	0.72	15.0	4.3	3.1	5.0	3.6	5.5	4.0	6.3	4.8	7.0	5.0	7.6	5.4	Future Storm Drain	
A25	0.70	0.90	0.63	15.0	4.3	2.7	5.0	3.2	5.5	3.5	6.3	4.0	7.0	4.4	7.6	4.8	Future Storm Drain	
A26	0.50	0.90	0.45	15.0	4.3	1.9	5.0	2.3	5.5	2.5	6.3	2.8	7.0	3.1	7.6	3.4	Future Storm Drain	
A27	0.60	0.95	0.57	15.0	4.3	2.5	5.0	2.9	5.5	3.1	6.3	3.6	7.0	4.0	7.6	4.3	Proposed Curb Inlet	
A28	0.90	0.90	0.81	15.0	4.3	3.5	5.0	4.1	5.5	4.5	6.3	5.1	7.0	6.6	7.6	6.1	Future Storm Drain	
A29	0.40	0.90	0.36	15.0	4.3	1.6	5.0	1.8	5.5	2.0	6.3	2.3	7.0	2.5	7.6	2.7	Future Storm Drain	
A30	1.80	0.90	1.62	15.0	4.3	7.0	5.0	8.1	5.5	8.9	6.3	10.2	7.0	11.3	7.6	12.2	Future Storm Drain	
A31	0.80	0.90	0.72	15.0	4.3	3.1	5.0	3.6	5.5	4.0	6.3	4.8	7.0	5.0	7.6	5.4	Future Storm Drain	
A32	1.10	0.90	0.99	15.0	4.3	4.3	5.0	5.0	5.5	4.0	6.3	6.3	7.0	6.9	7.6	7.5	Future Storm Drain	
A33	1.00	0.95	0.95	15.0	4.3	4.1	5.0	4.8	5.5	5.2	6.3	6.0	7.0	6.6	7.6	7.2	Proposed Curb Inlet	
A34	1.20	0.90	1.08	15.0	4.3	4.7	5.0	5.4	5.5	6.0	6.3	6.8	7.0	7.5	7.6	8.2	Future Storm Drain	
A35	0.40	0.95	0.38	15.0	4.3	1.6	5.0	1.9	5.5	2.1	6.3	2.4	7.0	2.6	7.6	2.9	Proposed Curb Inlet	
A36	0.40	0.95	0.38	15.0	4.3	1.6	5.0	1.9	5.5	2.1	6.3	2.4	7.0	2.6	7.6	2.9	Proposed Curb Inlet	
A37	0.70	0.90	0.63	15.0	4.3	2.7	5.0	3.2	3.5	3.5	6.3	4.0	7.0	4.4	7.6	4.8	Future Storm Drain	
A38	1.10	0.95	1.05	15.0	4.3	4.5	5.0	5.2	5.5	5.8	6.3	6.6	7.0	7.3	7.6	7.9	Proposed Curb Inlet	
70.3						254.0		294.6		325.3		372.4		410.1		445.5		
B1	0.90	0.90	0.81	10.0	5.2	4.2	5.9	4.8	6.5	5.3	7.4	6.0	8.2	6.6	8.9	7.2	Future Storm Drain	
B2	0.90	0.90	0.81	10.0	5.2	4.2	5.9	4.8	6.5	5.3	7.4	6.0	8.2	6.6	8.9	7.2	Future Storm Drain	
B3	0.70	0.95	0.67	10.0	5.2	3.5	5.9	3.9	6.5	4.3	7.4	4.9	6.2	5.4	8.9	5.9	Future Curb Inlets	
B4	0.30	0.90	0.27	10.0	5.2	1.4	5.9	1.6	6.5	1.8	7.4	2.0	8.2	2.2	8.9	2.4	Future Storm Drain	
B5	0.30	0.90	0.27	10.0	5.2	1.4	5.9	1.6	6.5	1.8	7.4	2.0	8.2	2.2	8.9	2.4	Future Storm Drain	
B6	0.70	0.95	0.67	10.0	5.2	3.5	5.9	3.9	6.5	4.3	7.4	4.9	6.2	5.4	8.9	5.9	Future Curb Inlets	
B7	0.80	0.90	0.72	10.0	5.2	3.8	5.9	4.2	6.5	4.7	7.4	5.4	8.2	5.9	8.9	6.4	Future Storm Drain	
B8	1.10	0.95	1.05	10.0	5.2	5.5	5.9	6.1	6.5	6.8	7.4	7.8	8.2	8.5	8.9	9.3	Future Curb Inlets	
B9	0.80	0.90	0.72	10.0	5.2	3.8	5.9	4.2	6.5	4.7	7.4	5.4	8.2	5.9	8.9	6.4	Future Storm Drain	
B10	0.50	0.95	0.45	10.0	5.2	2.4	5.9	2.6	6.5	4.9	7.4	5.7	8.2	3.7	8.9	4.0	Future Curb Inlets	
B11	1.00	0.90	0.90	10.0	5.2	4.7	5.9	5.3	6.5	5.8	7.4	6.7	8.2	7.3	8.9	8.0	Future Storm Drain	
B12	1.00	0.90	0.90	10.0	5.2	4.7	5.9	5.3	6.5	5.8	7.4	6.7	8.2	7.3	8.9	8.0	Future Storm Drain	
B13	0.70	0.90	0.63	10.0	5.2	3.3	5.9	3.7	6.5	4.1	7.4	4.7	8.2	5.1	8.9	5.6	Future Storm Drain	
B14	1.10	0.95	1.05	10.0	5.2	5.5	5.9	6.1	6.5	6.8	7.4	6.7	8.2	7.5	8.9	9.3	Future Curb Inlets	
B15	0.90	0.90	0.81	10.0	5.2	4.2	5.9	4.8	6.5	5.3	7.4	6.0	8.2	6.6	8.9	7.2	Future Storm Drain	
B16	0.40	0.90	0.36	10.0	5.2	1.9	5.9	2.1	6.5	2.3	7.4	2.7	8.2	2.9	8.9	3.2	Future Storm Drain	
B17	0.90	0.95	0.86	10.0	5.2	4.5	5.9	5.0	6.5	5.5	7.4	6.4	8.2	7.0	8.9	7.6	Future Curb Inlets	
B18	0.40	0.90	0.36	10.0	5.2	1.9	5.9	2.1	6.5	2.3	7.4	2.7	8.2	2.9	8.9	3.2	Future Curb Inlets	
B19	0.60	0.90	0.54	10.0	5.2	2.8	5.9	3.2	6.5	3.5	7.4	4.0	8.2	4.4	8.9	4.8	Future Storm Drain	
B20	0.50	0.95	0.48	10.0	5.2	2.5	5.9	2.8	6.5	3.1	7.4	3.5	8.2	3.9	8.9	4.2	Future Curb Inlets	
B21	0.60	0.90	0.54	10.0	5.2	2.8	5.9	3.2	6.5	3.5	7.4	4.0	8.2	4.4	8.9	4.8	Future Storm Drain	
B22	0.60	0.90	0.54	10.0	5.2	2.8	5.9	3.2	6.5	3.5	7.4	4.0	8.2	4.4	8.9	4.8	Future Storm Drain	
B23	0.20	0.95	0.19	10.0	5.2	1.0	5.9	1.2	6.5	1.2	7.4	1.4	8.2	1.6	8.9	1.7	Proposed Curb Inlet	
B24	0.20	0.95	0.19	10.0	5.2	1.0	5.9	1.1	6.5	1.2	7.4	1.4	8.2	1.6	8.9	1.7	Proposed Curb Inlet	
B25	0.60	0.90	0.54	10.0	5.2	2.8	5.9	3.2	6.5	3.5	7.4	4.0	8.2	4.4	8.9	4.8	Proposed Storm Drain	
B26	0.60	0.90	0.54	10.0	5.2	2.8	5.9	3.2	6.5	3.5	7.4	4.0	8.2	4.4	8.9	4.8	Proposed Storm Drain	
B27	0.50	0.95	0.48	10.0	5.2	2.5	5.9	2.8	6.5	3.1	7.4	3.5	8.2	3.5	8.9	4.2	Proposed Curb Inlets	
17.8						85.3		85.9		105.9		121.4		133.1		144.9		
C1	0.40	0.90	0.36	10.0	5.2	1.9	5.9	2.1	6.5	2.3	7.4	2.7	8.2	2.9	8.9	3.2	Future Storm Drain	
C2	0.10	0.40	0.10	5.2	2.4	0.9	5.9	0.9	6.5	0.9	7.4	0.9	8.2	0.9	8.9	0.9	Future Storm Drain	
C3	0.60	0.90	0.54	10.0	5.2	2.8	5.9	3.2	6.5	3.5	7.4	4.0	8.2	4.4	8.9	4.8	Future Storm Drain	
C4	0.30	0.40	0.12	10.0	5.2	0.6	5.9	0.7	6.5	0.8	7.4	0.9	8.2	1.0	8.9	1.1	Overland Flow	
C5	0.30	0.90	0.27	10.0	5.2	1.4	5.9	1.6	6.5	1.8	7.4	2.0	8.2	2.2	8.9	2.4	Future Storm Drain	
C6	0.30	0.90	0.27	10.0	5.2	1.4	5.9	1.6	6.5	1.8	7.4	2.0	8.2	2.2	8.9	2.4	Future Storm Drain	
C7	0.80	0.95	0.75	10.0	5.2	4.0	5.9	4.5	6.5	4.9	7.4	5.7	8.2	8.2	7.6	6.7	Future Curb Inlets	
C8	1.00	0.90	0.90	10.0	5.2	4.7	5.9	5.3	6.5	5.8	7.4	6.7	8.2	7.3	8.9	8.0	Future Storm Drain	
C9	1.00	0.90	0.90	10.0	5.2	4.7	5.9	5.3	6.5	5.8	7.4	6.7	8.2	7.3	8.9	8.0	Future Storm Drain	
C10	0.80	0.68	0.54	10.0	5.2	2.8	5.9	3.2	6.5	3.5	7.4	4.0	8.2	4.4	8.9	4.8	Future Storm Drain	
C11	0.40	0.40	0.18	10.0	5.2	0.9	5.9	0.9	6.5	1.5	7.4	1.3	8.2	1.5	8.9	1.6	Overland Flow	
C12	0.20	0.90	0.18	10.0	5.2	0.9	5.9	1.1	6.5	1.2	7.4	1.3	8.2	1.5				