

AS-BUILT MARCH 2010
 TO THE BEST OF OUR KNOWLEDGE CORWIN
 ENGINEERING, INC., HEREBY STATES THAT THIS PLAN IS
 AS-BUILT. THIS INFORMATION PROVIDED IS BASED ON
 SURVEYING AT THE SITE AND INFORMATION PROVIDED
 BY THE CONTRACTORS.

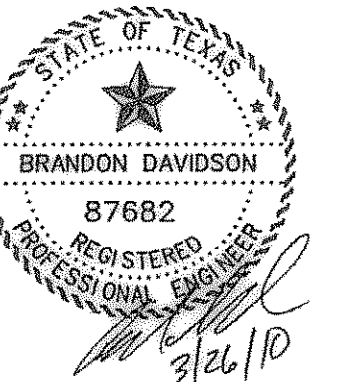
0 50 100 200
 SCALE: 1" = 100'

LEGEND

- PROP. STORM SEWER
- PROP. CURB INLETS
- PROP. CONC. HEADWALL
- EXIST. STORM SEWER
- DRAINAGE AREA DIVIDE
- FLOW ARROW
- XX DRAINAGE AREA NO.

RUNOFF COMPUTATIONS							
DRAINAGE NO.	AREA AC.	RUNOFF COEFF. (C)	TOTAL CxA	Tc min.	I(100) in/hr	Q (100) cfs	
1	2.64	0.5	1.32	10	9.8	12.9	
2	0.49	0.5	0.25	10	9.8	2.4	
3	0.49	0.5	0.25	10	9.8	2.4	
4	7.01	0.5	3.51	10	9.8	34.3	
5	1.92	0.5	0.96	10	9.8	7.5	
6	3.95	0.5	1.98	10	9.8	19.4	
7	3.50	0.5	1.75	10	9.8	17.1	
8	1.45	0.5	0.73	10	9.8	7.1	
9	0.52	0.5	0.26	10	9.8	2.5	
10	0.52	0.5	0.26	10	9.8	2.5	
11	1.53	0.5	0.77	10	9.8	7.5	
12	1.40	0.5	0.70	10	9.8	6.9	
13	1.84	0.5	0.92	10	9.8	9.0	
14	0.90	0.5	0.45	10	9.8	4.4	
15	0.90	0.5	0.45	10	9.8	4.4	
16	1.66	0.5	0.84	10	9.8	8.2	
17	0.98	0.5	0.49	10	9.8	4.8	
18	0.81	0.5	0.41	10	9.8	4.0	
19	1.53	0.5	0.77	10	9.8	7.5	
20	1.31	0.5	0.66	10	9.8	6.4	
21A	1.92	0.5	0.96	10	9.8	9.4	
21B	0.43	0.5	0.22	10	9.8	2.1	
22	2.53	0.5	1.27	10	9.8	12.4	
23	1.95	0.5	0.97	10	9.8	9.6	
24	2.70	0.5	1.35	10	9.8	13.2	
25	2.27	0.5	1.14	10	9.8	11.1	
26	1.76	0.5	0.88	10	9.8	8.6	
27	7.29	0.5	3.65	10	9.8	35.7	
28	6.58	0.5	3.29	10	9.8	32.2	
29	1.87	0.5	0.94	10	9.8	9.2	
30	0.86	0.5	0.43	10	9.8	4.2	
31	0.75	0.5	0.38	10	9.8	3.7	
32	1.00	0.5	0.50	10	9.8	4.9	
33	1.03	0.5	0.52	10	9.8	5.0	
34	0.67	0.5	0.34	10	9.8	3.3	
35	2.37	0.5	1.19	10	9.8	11.6	
36	2.31	0.5	1.16	10	9.8	11.3	
37	1.05	0.5	0.53	10	9.8	5.1	
38	1.82	0.5	0.91	10	9.8	8.9	
39	1.63	0.5	0.82	10	9.8	8.0	
40	1.55	0.5	0.78	10	9.8	7.6	
41	1.64	0.5	0.82	10	9.8	8.0	
42	3.66	0.5	1.83	10	9.8	17.9	
43	1.82	0.5	0.91	10	9.8	8.9	
44	2.09	0.5	1.05	10	9.8	10.2	
45	0.84	0.5	0.42	10	9.8	4.1	
46	3.27	0.5	1.64	10	9.8	16.0	
47	1.59	0.5	0.80	10	9.8	7.8	
48	1.24	0.5	0.62	10	9.8	6.1	
49	1.52	0.5	0.76	10	9.8	7.4	
50	0.76	0.5	0.38	10	9.8	3.7	
51	4.65	0.5	2.33	10	9.8	22.8	
52	2.41	0.5	1.21	10	9.8	11.6	
53	0.97	0.5	0.49	10	9.8	4.8	
54	0.23	0.5	0.12	10	9.8	1.1	
55	1.82	0.5	0.91	10	9.8	8.9	
56	1.11	0.5	0.56	10	9.8	5.4	
57	2.08	0.5	1.03	10	9.8	10.1	
58	1.97	0.5	0.99	10	9.8	9.7	
59	0.82	0.5	0.41	10	9.8	4.0	
60	13.30	0.5	6.65	10	9.8	65.2	
61	0.79	0.5	0.40	10	9.8	3.9	
62	1.07	0.5	0.54	10	9.8	5.2	
63	2.30	0.5	1.15	10	9.8	11.3	
64	2.66	0.5	1.33	10	9.8	13.0	
65	0.57	0.5	0.29	10	9.8	2.8	
66	0.57	0.5	0.29	10	9.8	2.8	
67	2.33	0.5	1.17	10	9.8	12.4	
68	0.33	0.5	0.17	10	9.8	1.6	
69	1.07	0.5	0.54	10	9.8	5.2	
70	0.73	0.5	0.37	10	9.8	3.6	
71	0.86	0.5	0.43	10	9.8	4.2	
72	0.32	0.5	0.16	10	9.8	1.6	
73	1.87	0.5	0.94	10	9.8	9.2	
74	2.01	0.5	1.01	10	9.8	10.0	
75	0.65	0.5	0.33	10	9.8	3.2	
76	0.23	0.5	0.12	10	9.8	1.1	
77	0.27	0.5	0.14	10	9.8	1.3	

** FUTURE DEVELOPMENT



The seal appearing on this document was authorized by Brandon Davidson P.E. 87682, on March 26, 2010

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DEVELOPMENT PLANS FOR
STONE CREEK PHASE I
 ROCKWALL, TEXAS

DRAINAGE AREA MAP

DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
	CEI	CEI	
JOB NUMBER	DATE	SCALE:	
08033	JANUARY 2008	1"=100'	5 OF 62