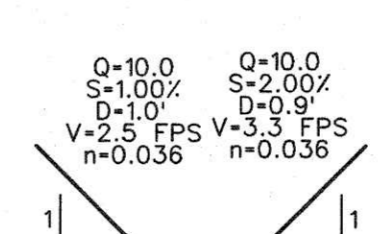
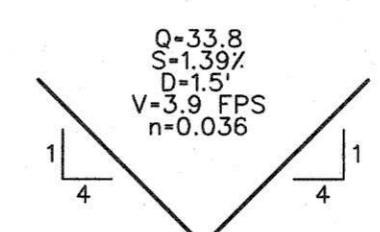
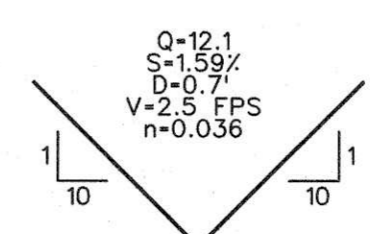
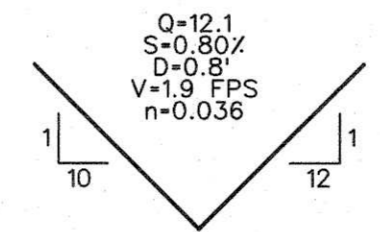
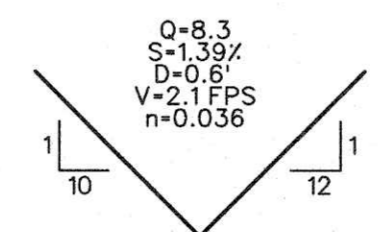


RUNOFF COMPUTATIONS

#	Area (sf)	Area (acres)	Runoff Coefficient	CA	Tc (min)	I(100) (in/hr)	Q(100) (cfs)	Drains To
1	93489	2.08	0.50	1.04	10	9.80	10.2	Inlet 1
2	29559	0.66	0.50	0.33	10	9.80	3.2	Inlet 2
3	92832	2.13	0.50	1.07	10	9.80	10.4	Inlet 3
4	106640	2.45	0.50	1.22	10	9.80	12.0	Inlet 4
5	48032	1.08	0.50	0.53	10	9.80	5.2	Inlet 5
6	46088	1.06	0.50	0.53	10	9.80	5.2	Inlet 6
7	107750	2.47	0.50	1.24	10	9.80	12.1	Inlet 7
8	9600	0.22	0.50	0.11	10	9.80	1.1	Inlet 8
9	68736	1.58	0.50	0.79	10	9.80	7.7	Inlet 9
10	10944	0.25	0.50	0.13	10	9.80	1.2	Inlet 10
11	46114	1.06	0.50	0.53	10	9.80	5.2	Inlet 11
12	45660	1.06	0.50	0.53	10	9.80	5.2	Inlet 12
13	72824	1.67	0.50	0.84	10	9.80	8.2	Inlet 13
14	108847	2.45	0.50	1.23	10	9.80	12.0	Inlet 14
15	34510	0.79	0.50	0.40	10	9.80	3.9	Inlet 15
16	97714	2.24	0.50	1.12	10	9.80	11.0	Inlet 16
17	10875	0.25	0.90	0.22	10	9.80	2.2	Inlet 17
17A	13005	0.30	0.50	0.15	10	9.80	1.5	Inlet 17
18	10875	0.25	0.90	0.22	10	9.80	2.2	Inlet 18
18A	13350	0.31	0.50	0.15	10	9.80	1.5	Inlet 18
19	8700	0.20	0.90	0.18	10	9.80	1.8	Inlet 19
19A	10488	0.24	0.50	0.12	10	9.80	1.2	Inlet 19
20	8700	0.20	0.90	0.18	10	9.80	1.8	Inlet 20
20A	8658	0.20	0.50	0.10	10	9.80	1.0	Inlet 20
21	7591	0.18	0.90	0.16	10	9.80	1.6	Inlet 21
21A	6449	0.15	0.50	0.07	10	9.80	0.7	Inlet 21
22	57721	1.33	0.64	0.84	10	9.80	8.3	Inlet 22
23	22285	0.51	0.90	0.46	10	9.80	4.5	Hays Road
24	20250	0.46	0.90	0.42	10	9.80	4.1	Hays Road
25	53781	1.23	0.90	1.11	10	9.80	10.9	Inlet 22
26	9378	0.22	0.90	0.19	10	9.80	1.9	Inlet 23
26A	9267	0.21	0.50	0.11	10	9.80	1.0	Inlet 23
28	56523	13.0	0.50	6.48	10	9.80	63.6	Ultimate to Line D4
30	3418	0.08	0.90	0.07	10	9.80	0.7	Hays Road



TYPICAL GRADE TO DRAIN SECTIONS
N.T.S.

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

AS-BUILT SEPTEMBER 2018
INFORMATION PROVIDED
BY CONTRACTORS
(NOT FIELD VERIFIED)



CORWIN ENGINEERING, INC.
200 W. BELMONT, SUITE E
ALLEN, TEXAS 75013 (972)396-1200
TBP FIRM #5951

**DEVELOPMENT PLANS FOR
STONE CREEK
PHASE VIII
ROCKWALL, TEXAS**

DRAINAGE AREA MAP

DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JOB NUMBER	DATE	SCALE:	17 OF 32
16044	OCTOBER 2016	1"=100'	