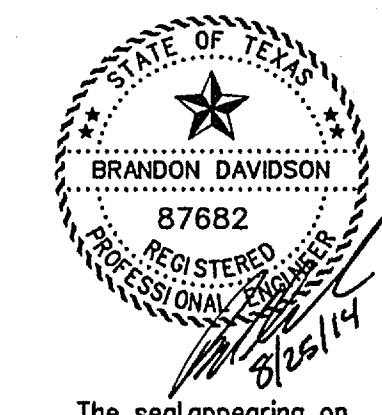


RUNOFF COMPUTATIONS

#	Area (sf)	Area (acres)	Runoff Coefficient	CA	Tc (min)	I(100) (in/hr)	Q(100) (cfs)
1	35858	0.82	0.50	0.41	10	9.80	4.0
2	43104	0.99	0.50	0.49	10	9.80	4.8
3	68539	1.53	0.50	0.76	10	9.80	7.5
4	131624	3.03	0.50	1.51	10	9.80	14.8
5	132364	3.04	0.50	1.52	10	9.80	14.9
6	121168	2.78	0.50	1.39	10	9.80	13.6
7	160913	3.69	0.50	1.85	10	9.80	18.1
8	94784	2.18	0.50	1.09	10	9.80	10.7
9	233305	5.36	0.50	2.68	10	9.80	26.2
10	10034	0.23	0.50	0.12	10	9.80	1.1
11	9407	0.22	0.50	0.11	10	9.80	1.1
12	115786	2.66	0.50	1.33	10	9.80	13.0
13	142259	3.27	0.50	1.63	10	9.80	16.0

LEGEND

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



The seal appearing on this document was authorized by Brandon Davidson P.E. 87682, on August 25, 2014

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

DEVELOPMENT PLANS FOR
**BREEZY HILL
 PHASE IV
 ROCKWALL, TEXAS**

DRAINAGE AREA MAP

DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JOB NUMBER	DATE	SCALE:	3 OF 19
14025	AUGUST 2014	1"=100'	

AS-BUILT MARCH 2015
 INFORMATION PROVIDED BY CONTRACTORS
 (NOT FIELD VERIFIED)

