

RUNOFF COMPUTATIONS						
DRAINAGE NO.	AREA AC.	RUNOFF COEFF. (C)	TOTAL C x A	Tc min.	I (25) in/hr	Q (25) cfs
1	0.78	0.50	0.39	10	9.80	3.8
2	1.52	0.50	0.76	10	9.80	7.4
3	0.71	0.50	0.36	10	9.80	3.5
4	0.14	0.50	0.07	10	9.80	0.7
5	1.02	0.50	0.51	10	9.80	5.0
6	0.45	0.50	0.23	10	9.80	2.2

INLET DESIGN CALCULATIONS															
INLET NO.	Location	Design Storm Frequency	Time of Conc. (min.)	AREA RUNOFF				Carry-Over from Upstream	Total Gutter Flow (c.f.s.)	Gutter Capacity (c.f.s.)	SELECTED INLET			Carry-Over to Downstream Inlet	
				Intensity (in/hr.)	Runoff Coeff. "C"	Area (ac.)	"Q" (c.f.s.)				Gutter Slope (ft./100 ft.)	Gutter Type	Length (ft.)		
1	PVG STA 0+76	100	10	9.80	0.50	0.74	3.6		3.6	30.0	10.00%	6" pbl	15'	STD.	
2	PVG STA 0+76	100	10	9.80	0.50	0.74	3.6		3.6	30.0	10.00%	6" pbl	15'	STD.	



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

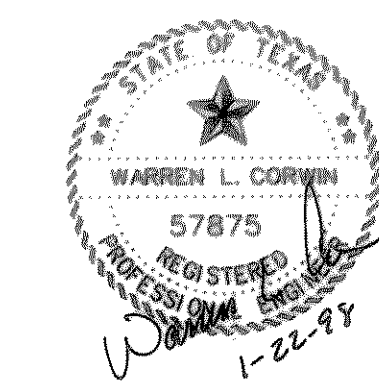
NO.	REVISIONS	BY	DATE

CORWIN ENGINEERING, INC.
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**DEVELOPMENT PLANS FOR
 LAKESIDE VILLAGE
 PHASE V-A
 CORINTH, TEXAS**

DRAINAGE AREA MAP

DRAWN BY RDS	DESIGNED BY CEI	CHECKED BY WLC	SHEET NO. 4 OF 12
JOB NUMBER 9766	DATE JANUARY 1998	SCALE 1" = 50'	



The seal appearing on this document was authorized by Warren L. Corwin, P.E. 57875, on January 22, 1998

AS-BUILT NOVEMBER 1998
 INFORMATION PROVIDED BY CONTRACTORS
 (NOT FIELD VERIFIED)

FILE: _____
 REF. FILE: _____
 VIEW: _____
 DATE: _____