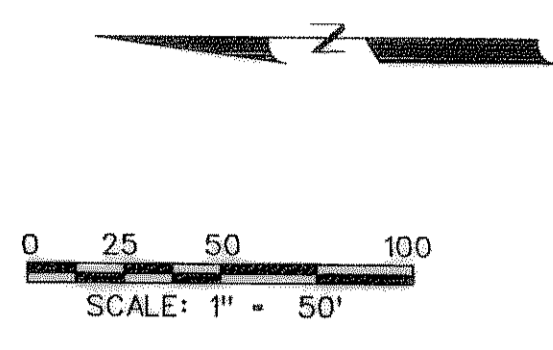


INLET DESIGN

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.)	Gutter Slope (ft./100 ft.)	SELECTED INLET		Carry-Over to Downstream Inlet
				Intensity (in/hr.)	Runoff Coeff. C	Area (ac.)	Q (c.f.s.)					Length (ft.)	Type	
1	PVG STA 0+56	100	10	9.80	0.5	1.5	7.4		7.4	25.4	1.10%	6 pbl	10'	STD.
2	PVG STA 0+56	100	10	9.80	0.5	0.2	1.0		1.0	25.4		6 pbl	10'	STD.
3	PVG STA 6+10	100	10	9.80	0.5	1.8	8.7		8.7		Low Pt	6 pbl	10'	STD.
4	PVG STA 6+10	100	10	9.80	0.5	0.3	1.4		1.4		Low Pt	6 pbl	5'	STD.
5	PVG STA 2+16	100	10	9.80	0.5	1.6	7.7		7.7	35.0	2.95%	6 pbl	15'	REC.
6	PVG STA 2+16	100	10	9.80	0.5	0.6	2.7		2.7	35.0	2.95%	6 pbl	15'	REC.
7	PVG STA 8+80	100	10	9.80	0.5	3.0	14.9		14.9	17.9	0.50%	6 pbl	10'	STD.
8	PVG STA 8+55	100	10	9.80	0.5	0.4	1.8		1.8	17.9	0.50%	6 pbl	10'	STD.
9	PVG STA 9+74	100	10	9.80	0.5	0.6	3.1		3.1		Low Pt	6 pbl	10'	STD.
10	LOT 58	100	10	9.80	0.5	0.6	3.1		3.1		Low Pt	3'	WYE	
11	LOT 45	100	10	9.80	0.5	1.98	9.7		9.7		Low Pt	3'	WYE	




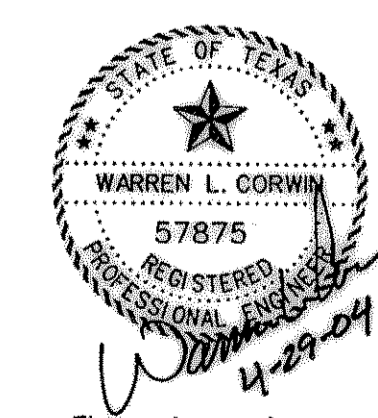
RUNOFF COMPUTATIONS

DRAINAGE NO.	AREA AC.	RUNOFF COEFF. (C)	TOTAL C x A	Tc min.	Q (100) in/hr	Q (100) cfs
1	1.57	0.5	0.79	10	9.8	7.7
2	0.55	0.5	0.28	10	9.8	2.7
3	1.52	0.5	0.76	10	9.8	7.4
4	0.19	0.5	0.10	10	9.8	0.9
5	1.78	0.5	0.89	10	9.8	8.7
6	0.28	0.5	0.14	10	9.8	1.4
7	0.63	0.5	0.32	10	9.8	3.1
8	3.04	0.5	1.52	10	9.8	14.9
9	0.36	0.5	0.18	10	9.8	1.8
10	0.63	0.5	0.32	10	9.8	3.1
11	1.98	0.5	0.99	10	9.8	9.7
12	0.40	0.5	0.20	10	9.8	2.0

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. 200 W. BELMONT SUITE E ALLEN, TEXAS 75013 (972) 396-1200			
DEVELOPMENT PLANS FOR LAKESIDE VILLAGE PHASE V-C ROCKWALL, TEXAS			
DRAINAGE AREA MAP			
DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
RDS	CEI	WLC	
JOB NUMBER	DATE	SCALE:	
0209	MARCH 2003	1"=50'	3 of 13



The seal appearing on this document was authorized by
 Warren L. Corwin,
 P.E. 57875, on
 April 29, 2004

AS-BUILT APRIL 2004
 INFORMATION PROVIDED BY CONTRACTORS
 (NOT FIELD VERIFIED)