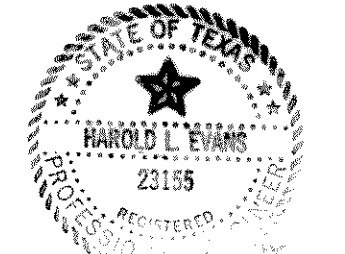
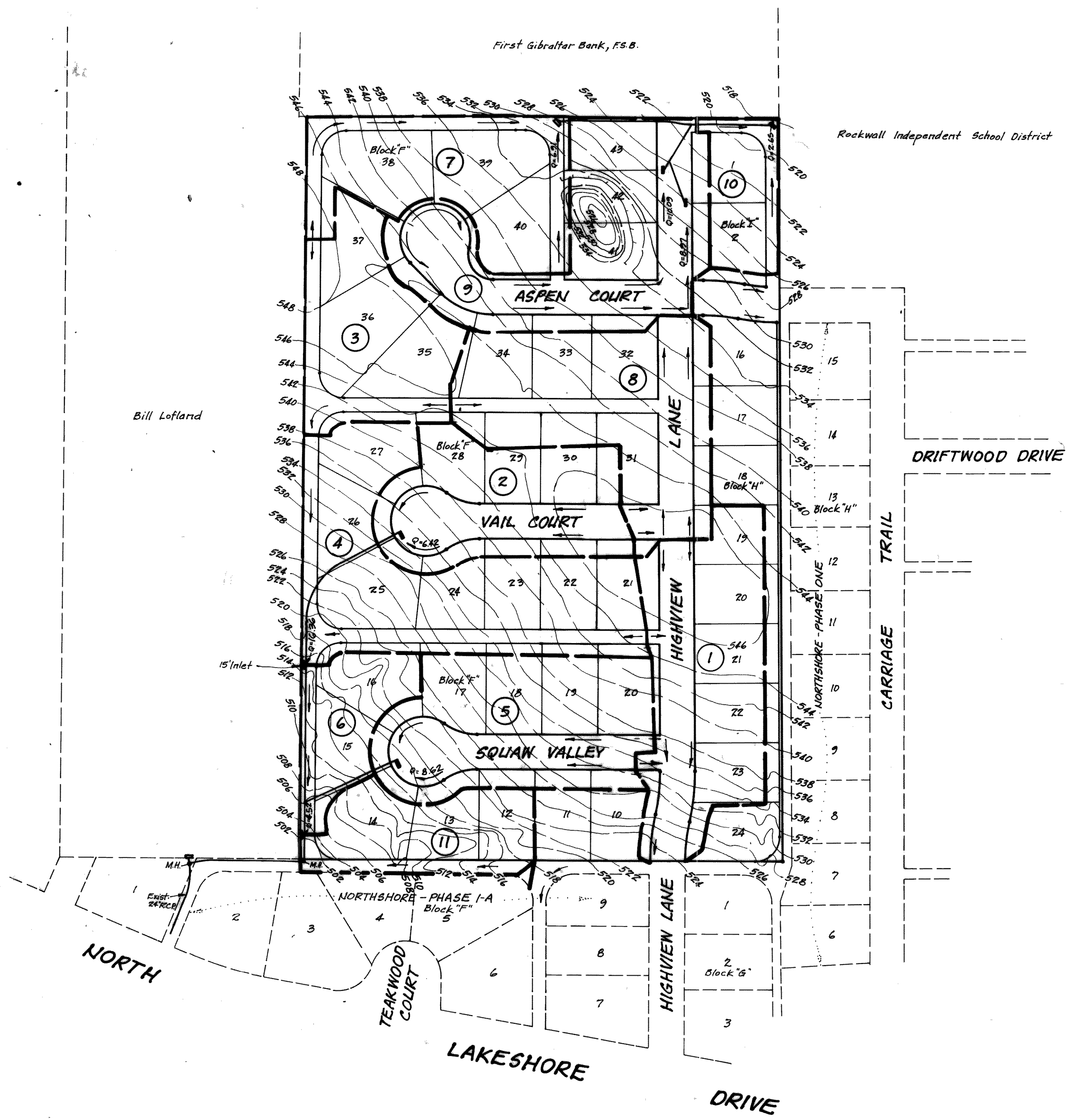


CITY OF ROCKWALL, TEXAS															SHEET _____ OF _____			
COMPUTATION SHEET FOR DETERMINING															STREET Highview Vail & Squaw Valley			
CAPACITY OF CURB OPENING INLET															MAJOR WATERSHED			
JOB OR FILE NO. 90-115																		
BY HLE																		
DATE 10-31-90																		
CKD n = 0.016																		
DATE _____																		
INLET	D.A.	Op	CARRY	TOTAL	Z	Z/N	S _o	V _o	POUNDED	L _o	L _o ²	L	L _o	Q _o	Q _o ²	CARRY	REMARKS	
TYPE	STATION	NO.	C.F.S.	OVER			FT/FT	FT.	WIDTH	C.F.S.	FT.	FT.	FT.	C.F.S.	C.F.S.	OVER		
S NO.				FLOW												FLOW		
				OF												OF		
				C.F.S.												C.F.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
S-1	9+92	8	8.97	--	8.97	28	1750	0.017	.37	10.	.99	9.06	10	1.06	100	8.97	--	
S-2	10+26	9	10.09	--	10.09	28	1750	0.017	.37	10.9	1.07	9.89	15	1.50	100	10.09	--	
S-3	4+28	2	6.42	--	6.42	80	5000	0.005	.28	22.4	.9	7.05	10	1.40	100	6.42	--	
S-4	3+96	5	7.40	--	7.40	80	5000	0.005	.30	24.0	.93	7.95	10	1.25	100	7.40	--	
ALLEY INLETS																		
A-1	2+75	364	15.23	--	15.23	18	1125	0.055	.42	7.56	1.06	14.94	15	1.03	100	15.23	--	
A-2	0+35	6	3.39	--	3.39	18	1125	0.065	.25	4.50	.87	3.90	10	2.6	100	3.39	--	
A-3	Alley D	10	2.65	--	2.65	18	1125	0.005	0.22	3.96	.84	3.15	5	1.7	100	2.65	--	

3-20

FIGURE 3.6

Area No.	Area (Acres)	C.	T.C.	I ₁₀₀	Q ₁₀₀	6Q ₁₀₀ P.U.
1	1.70	0.50	10.0	9.8	10.68	6.93
2	1.31	"	"	"	6.42	6.42
3	1.25	"	"	"	6.12	
4	2.07	"	"	"	10.24	22.76
5	1.76	"	"	"	6.02	24.40
6	0.69	"	"	"	3.39	24.79
7	1.41	"	"	"	6.91	6.91
8	1.83	"	"	"	8.97	15.88
9	2.06	"	"	"	10.09	25.97
10	0.54	"	"	"	2.65	28.62
11	0.87	"	10.0	"	4.26	4.26



Hand Signed
REV. 3-14-91

AS-BUILT

10-13-90

9
13

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2331 GUS THOMASSON RD. SUITE 102
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DRAINAGE AREA MAP
THE PINNACLE - PHASE I & II
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

SCALE 1"=100'
DATE 10-31-90
JOB NO. 90115

Rev. 3-13-91