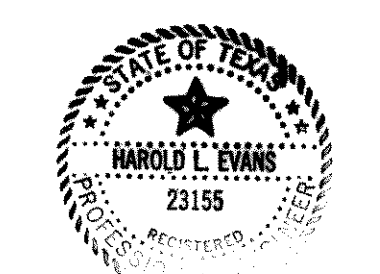
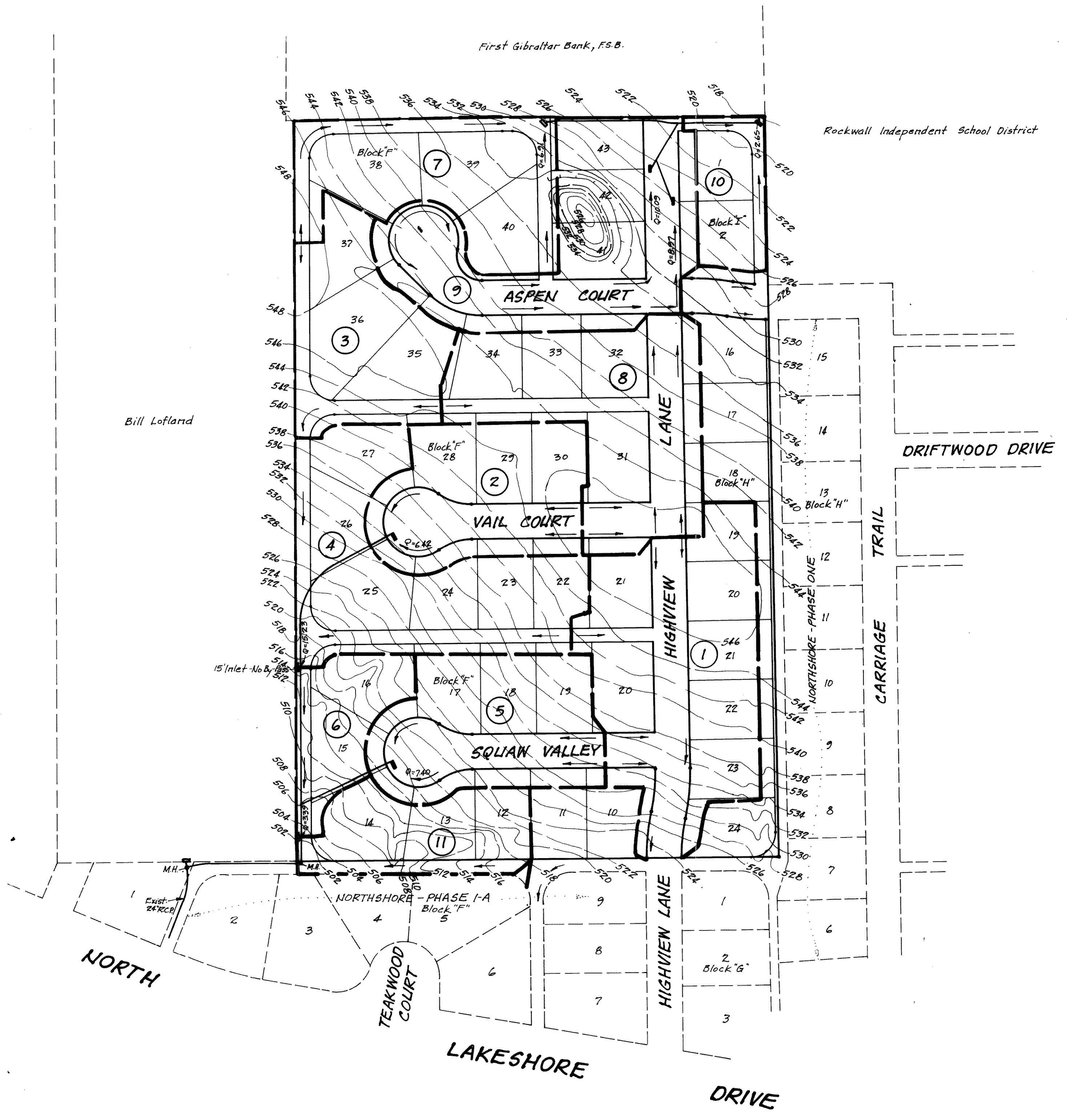


BY HLE CITY OF ROCKWALL, TEXAS SHEET _____ OF _____
 DATE 10-31-90 = .50 STREET Highview Vail & Squaw Valley
 CK'D _____ n = 0.016 COMPUTATION SHEET FOR DETERMINING MAJOR WATERSHED
 DATE _____ CAPACITY OF CURB OPENING INLET JOB OR FILE NO. 90-115

INLET	D.A.	Qp	CARRY	TOTAL	Z	Z/N	S _o	Y _o	PONDED	L _o	L _o ²	L	L _o	Q _o	Q _o ²	CARRY	REMARKS
TYPE	NO.	C.F.S.	OVER	FLOW			FT/FT	FT.	WIDTH	C.F.S.	FT.	FT.	FT.	C.F.S.	C.F.S.	OVER	
B			FLOW	Q _o												FLOW	
NO.			Q _o	C.F.S.												Q _o	
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	.39	10.9	1.02	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	36.4	15.23	--	15.23	18	1125	0.055	.42	7.56	1.06	14.34	15	1.03	100	15.23	--
A-2	0+35	6	3.39	--	3.39	18	1125	0.065	0.25	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	--

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FIGURE 3-6

Area No.	Area (Acres)	C.	T.C.	I ₁₀₀	Q ₁₀₀	6Q ₁₀₀ P.U.
1	2.18	0.50	10'	9.8	10.68	10.68
2	1.31	"	"	"	6.42	6.42
3	1.25	"	"	"	6.12	6.12
4	1.86	"	"	"	9.11	21.65
5	1.51	"	"	"	7.40	29.05
6	0.69	"	"	"	3.39	32.44
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	"	"	"	4.26	4.26



AS-BUILT

Harold L. Evans
Rev. 3-14-91

10-13-90

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

Rev. 3-13-91

DRAINAGE AREA MAP
THE PINNACLE
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS