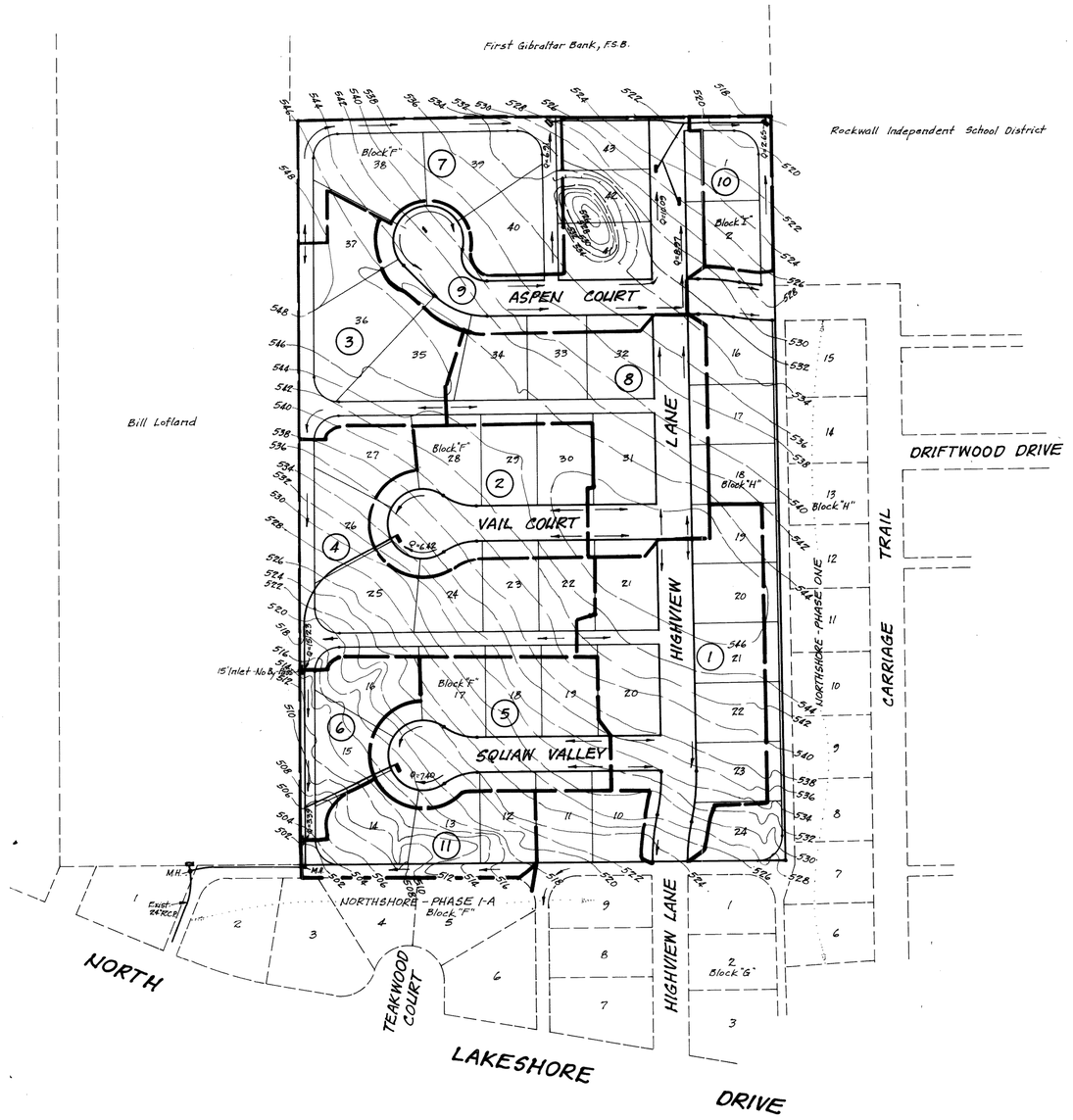

N

BY HLE
DATE 10-31-90 n = .50
CK'D. _____ n = 0.016
DATE _____

CITY OF ROCKWALL, TEXAS
COMPUTATION SHEET FOR DETERMINING CAPACITY OF CURB OPENING INLET

SHEET _____ OF _____
STREET Highview, Vail & Squaw Valley
MAJOR WATERSHED _____
JOB OR FILE NO. 90-115

INLET TYPE & NO.	INLET STATION	D.A. NO.	Qp C.F.S.	CARRY-OVER FLOW q C.F.S.	TOTAL FLOW Qo C.F.S.	Z	Z/N	So FT/FT	Yo FT.	PONDED WIDTH	Q/Lo C.F.S./FT.	Lo* Qp/Q'Lo FT.	L FT.	L/Lo	Q/Qo	Q* Q/Qo	CARRY-OVER FLOW q C.F.S.	REMARKS
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	.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	364	15.23	--	15.23	18	1125	0.055	.42	7.56	1.06	14.36	45	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	--	

3-20

FIGURE 3.6

Area No.	Area (Acres)	C.	T.C.	I_{100}	Q_{100}	ΣQ_{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	
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

STATE OF TEXAS
HAROLD L. EVANS
23155

AS-BUILT

Rev. 3-12-91

10-13-93

9/13

HAROLD L. EVANS CONSULTING ENGINEER		
2331 GUS THOMASSON RD. SUITE 102 DALLAS, TEXAS 75228 PHONE (214) 328-8133		
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