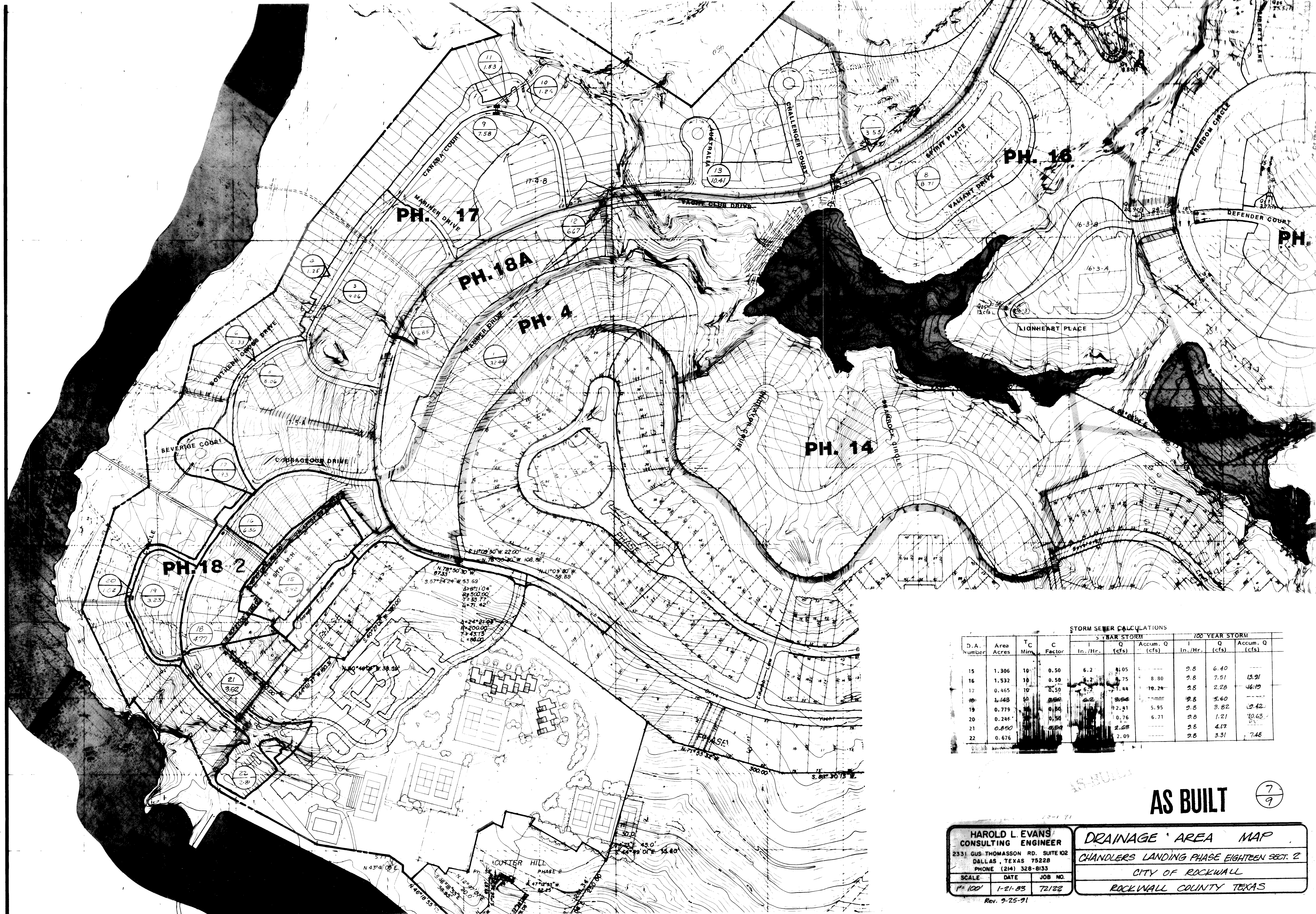




STORM SEWER CALCULATIONS									
D.A. Number	Area Acres	T.C. Min.	C Factor	5 YEAR STORM			100 YEAR STORM		
				In./Hr.	Q (cfs)	Accum. Q (cfs)	In./Hr.	Q (cfs)	Accum. Q (cfs)
15	1.306	10	0.50	6.2	11.05	---	9.8	6.40	---
16	1.532	10	0.50	6.2	11.75	8.80	9.8	7.51	13.21
17	0.465	10	0.50	6.2	7.144	10.24	9.8	2.28	46.19
18	1.143	10	0.50	6.2	9.54	---	9.8	5.60	---
19	0.779	10	0.50	6.2	12.41	5.95	9.8	3.82	9.42
20	0.246	10	0.50	6.2	0.76	6.71	9.8	1.21	10.63
21	0.850	10	0.50	6.2	2.63	---	9.8	4.17	---
22	0.676	10	0.50	6.2	2.09	---	9.8	3.31	7.48

AS BUILT 7/9

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

SCALE 1"=100'
DATE 1-21-83
JOB NO. 72122

DRAINAGE AREA MAP
CHANDLER'S LANDING PHASE EIGHTEEN SECT. 2
CITY OF ROCKWALL
ROCKWALL COUNTY TEXAS