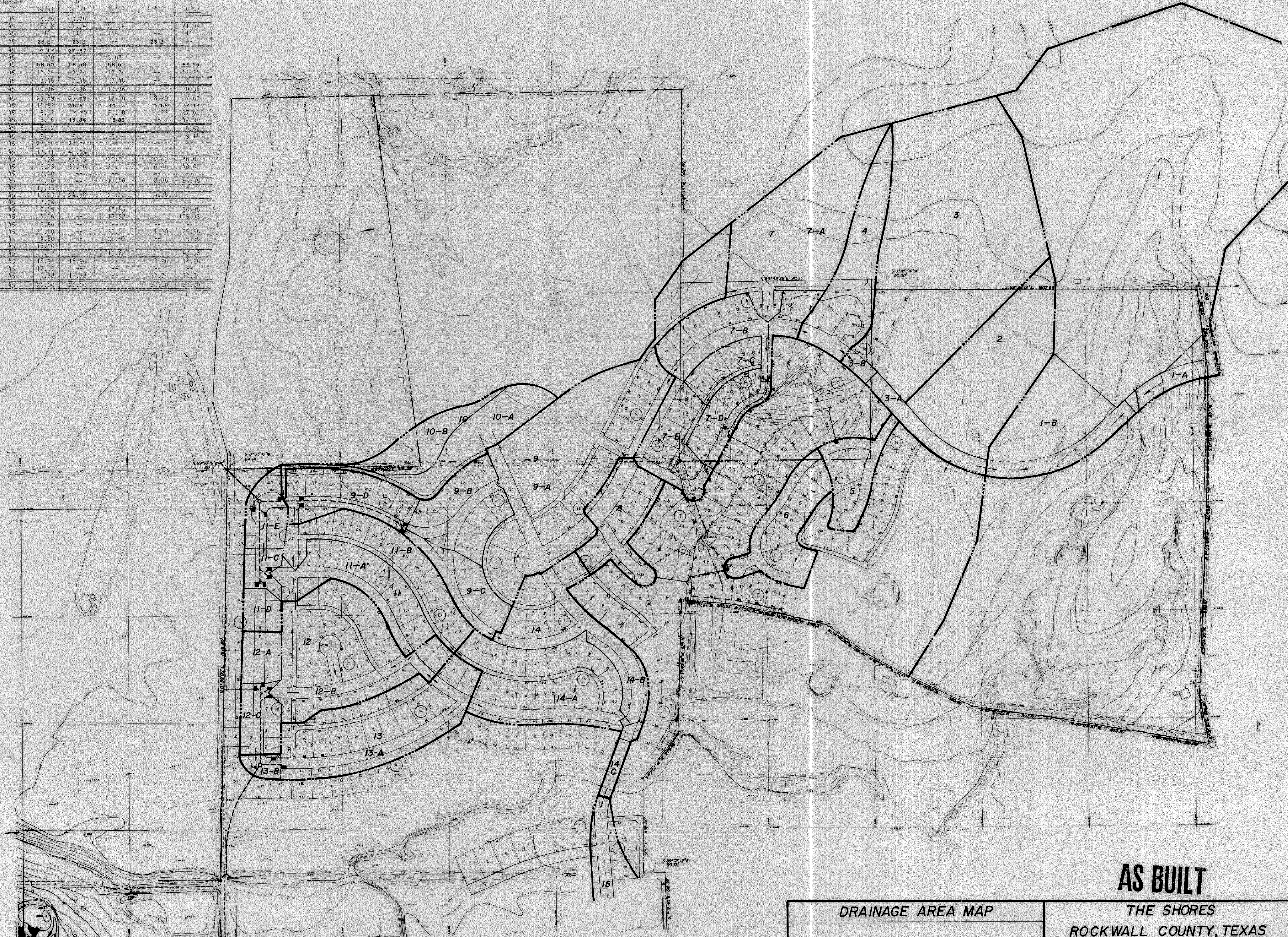


DRAINAGE CALCULATIONS									
Area Sub- division	Area (Ac.)	Time of Concentration (min)	Intensity (In/Hr)	Coeff. of Runoff (%)	Summation (cfs)	Transposed (cfs)	Bypassed (cfs)	Design (cfs)	
1-A	1.15	10	7.2	45	3.76	3.76	---	---	
1-B	5.61	10	7.2	45	18.18	21.94	---	21.94	
1	46.0	20	5.6	45	116	116	---	116	
2	7.17	10	7.2	45	23.2	23.2	---	23.2	
3-A	1.29	10	7.2	45	4.17	27.97	---	---	
3-B	0.37	10	7.2	45	1.20	3.63	---	---	
3	18.10	10	7.2	45	58.50	98.50	---	98.55	
4	3.78	10	7.2	45	12.24	12.24	---	12.24	
5	2.31	10	7.2	45	7.48	7.48	---	7.48	
6	3.20	10	7.2	45	10.36	10.36	---	10.36	
7-A	7.99	10	7.2	45	25.89	25.89	8.20	17.60	
7-B	3.37	10	7.2	45	10.92	36.81	34.13	34.13	
7-C	1.55	10	7.2	45	5.02	7.70	20.00	4.23	
7-D	1.90	10	7.2	45	6.16	13.86	13.86	47.99	
7-E	2.63	10	7.2	45	8.52	---	---	8.52	
8	2.82	10	7.2	45	9.14	9.14	9.14	9.14	
9-A	8.90	10	7.2	45	28.84	28.84	---	---	
9-B	3.77	10	7.2	45	12.21	41.05	---	---	
9-C	2.03	10	7.2	45	6.58	47.63	20.0	27.63	
9-D	2.85	10	7.2	45	9.23	36.86	20.0	16.86	
10-A	2.50	10	7.2	45	8.10	---	---	---	
10-B	2.89	10	7.2	45	9.36	---	17.46	8.86	
11-A	4.09	10	7.2	45	13.25	---	---	---	
11-B	3.56	10	7.2	45	11.53	24.78	20.0	4.78	
11-C	0.92	10	7.2	45	2.98	---	---	---	
11-D	0.83	10	7.2	45	2.69	---	10.45	30.45	
11-E	1.44	10	7.2	45	4.66	---	13.57	109.43	
12-A	1.10	10	7.2	45	3.56	---	---	---	
12-B	6.67	10	7.2	45	21.60	---	20.0	1.60	
12-C	1.47	10	7.2	45	4.80	---	29.96	29.96	
13-A	5.71	10	7.2	45	18.50	---	---	---	
13-B	0.35	10	7.2	45	1.12	---	19.62	49.58	
14-A	5.55	10	7.2	45	18.96	18.96	18.96	18.96	
14-B	3.70	10	7.2	45	12.00	---	---	---	
14-C	0.55	10	7.2	45	1.78	13.78	---	32.74	
15	6.17	10	7.2	45	20.00	20.00	---	20.00	



AS BUILT

DRAINAGE AREA MAP				THE SHORES ROCKWALL COUNTY, TEXAS	
DESIGN: H.L.E.	DRAW: Danny O.	SCALE: 1" = 200'	DATE: 10-17-77	DALLAS HAROLD L. EVANS CONSULTING ENGINEER 328-8133	