



Drainage Area (Desig.)	Area (Acres)	Coefficient	Time of Concentration (minutes)	Intensity (in./hr.)		Runoff (cfs)				Pipe Design (in.)
				5 yr.	25 yr.	Q5	Sum of Q5	Q25	Sum of Q25	
				LINE "B"		LINE "C"				
"A"	5.30	0.50	10	6.6	9.3	17.49	17.49	24.64	24.64	20.0
"B"	2.56	0.50	10	6.6	9.3	8.45	25.94	11.90	36.54	36.0
"C"	2.66	0.50	10	6.6	9.3	8.79	34.72	12.39	48.92	61.99
"E"								13.07	61.99	
LINE "C"										
"C"	3.60	0.50	10	6.6	9.3	11.88	11.88	16.74	16.74	
"F"	2.02	0.50	10	6.6	9.3	6.66	18.54	9.40	26.14	20.00
"E"	0.78	0.50	10	6.6	9.3	12.57	21.11	3.63	29.77	
"D"	2.43	0.50	10	6.6	9.3	8.02	29.13	11.30	41.07	
"J"	2.41	0.50	10	6.6	9.3	15.90	15.90	22.41	22.41	15.90
"H"	3.39	0.50	10	6.6	9.3	11.19	11.19	15.76	15.76	
"I"	0.62	0.50	10	6.6	9.3	2.05	13.24	2.88	18.64	
LINE "A"										
Existing Pipe										113.74
"D"	2.43	0.50	10	6.6	9.3	8.02	29.13	11.30		121.75
Line B										61.99
Line C										203.73



AS BUILT

NORTHSHORE PHASE I-A				CITY OF ROCKWALL	
DRAINAGE AREA MAP				ROCKWALL COUNTY TEXAS	
GCW	TLB	1"=100'	6-18-80	HAROLD L. EVANS CONSULTING ENGINEER DALLAS, TEXAS 328-8133	