

917-061-1419 P. 119



2-37-
 1-10
 2-10
 3-21
 5-01
 5-01
 $9 - (0.20)(6.5)(52.5) = 162.14$
 $(0.70)(6.7)(6.72) = 3.77$
 $6.7(2.2) = 14.64$

7500 E. S. 20.01
 FROM HIGHWAY 76 = 21 mi.
 1/200 TO 1/400

Area	Acres	C (Weighted)	T ₂₅ (Min.)	T ₅₀ (5 Years)	S ₂₅ (Cfs)	EQ
A-1	3.42	0.43	20	4.7	6.91	6.91
A-1-A	0.33	0.70	10	6.6	1.62	
A-2	2.61	0.54	20	4.7	6.62	13.53
A-2-A	0.25	0.70	10	6.6	1.16	
A-3	1.48	0.70	10	6.6	6.84	8.36
A-4	66.52	0.37	22	T ₂₅ = 6.5	160.0	
A-5	3.60	0.30	20	T ₅₀ = 6.6	7.13	

"C" Value Calculations:
 A-1 $\frac{2.31 \text{ Ac.} \times 0.30 = 0.693}{1.11 \text{ Ac.} \times 0.70 = 0.777}$ Weighted C = $\frac{1.470}{3.42} = 0.43$
 A-2 $\frac{0.78 \text{ Ac.} \times 0.30 = 0.234}{1.14 \text{ Ac.} \times 0.70 = 0.798}$ Weighted C = $\frac{1.032}{1.92} = 0.54$

YELLOWBARK CREEK

AS BUILT

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 SCALE: 1"=100' DATE: 1-10-84 JOB NO.: 83204

DRAINAGE AREA MAP
 Ellis Center
 CITY OF ROCKWALL
 ROCKWALL COUNTY, TEXAS