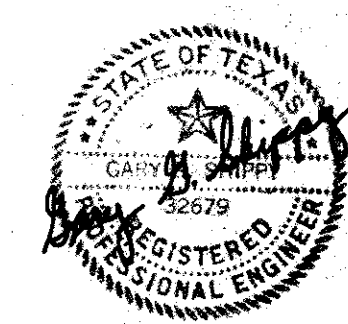


TO RAWHIDE CREEK  
 AREA = 804 AC.  
 C = 0.75  
 $I_{100} = \frac{b}{(1+d)^a}$   
 b = 106, d = 8.3, a = 0.762  
 $t_c = 33.3 \text{ min.}$   
 $I_{100} = 6.19 \text{ in./hr.}$   
 $Q_{100} = 3733 \text{ cfs.}$

AREA NO.	C	I in/hr	A, Ac	Q <sub>100</sub> cfs	REMARKS
F-1	0.75	11.6	1,578	13.7	
F-2	0.75	11.6	0.675	5.9	
F-3	0.90	11.6	0.309	3.2	
G-1	0.75	11.6	11,600	100.9	75 cfs to Exist, 33* 26 cfs overflow to G-3
G-2	0.75	11.6	7,434	64.7	
G-3	0.75	11.6	6,391	55.6	
G-4	0.75	11.6	1,550	13.5	
G-5	0.90	11.6	0.324	3.4	
H-1	0.75	11.6	1,761	15.3	
H-2	0.90	11.6	0.882	9.2	
J-1	0.90	11.6	0.514	5.4	
J-2	0.75	11.6	2,186	19.0	
J-3	0.75	11.6	2,020	17.6	
J-4	0.75	11.6	1,010	8.8	
J-5	0.90	11.6	0.597	6.2	
J-6	0.90	11.6	0.264	2.7	
K-1	0.90	11.6	0.413	4.3	
K-2	0.90	11.6	0.562	5.9	
K-3	0.90	11.6	1,113	11.6	

- LEGEND**
- MAJOR DRAINAGE AREA
  - DRAINAGE AREA DIVIDE
  - (A-1) DRAINAGE AREA NO.
  - PROPOSED STORM SEWER
  - EXISTING STORM SEWER
  - PROPOSED INLET
- (PIPE SIZE CHANGE)



AS BUILT 11-22-83

4			
3			
2			
1			
NO.	DATE	REVISION	APPROV.
<b>CITIES OF ADDISON AND FARMERS BRANCH, TEXAS</b> <b>MARSH LANE</b> BROOKHAVEN CLUB DRIVE TO BELT LINE ROAD <b>DRAINAGE AREA MAP</b>			
Turner Collier & Braden Inc.			
Unit	PAL	Scale	1" = 200'
Design	GGG	Checked	GGG
Drawn	LJK	Approved	PAL
Date	JAN. 1982	Job No.	6042-010
Sheet	26	Contract	
			of 66