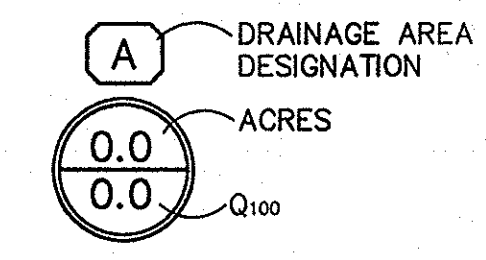


**LEGEND**

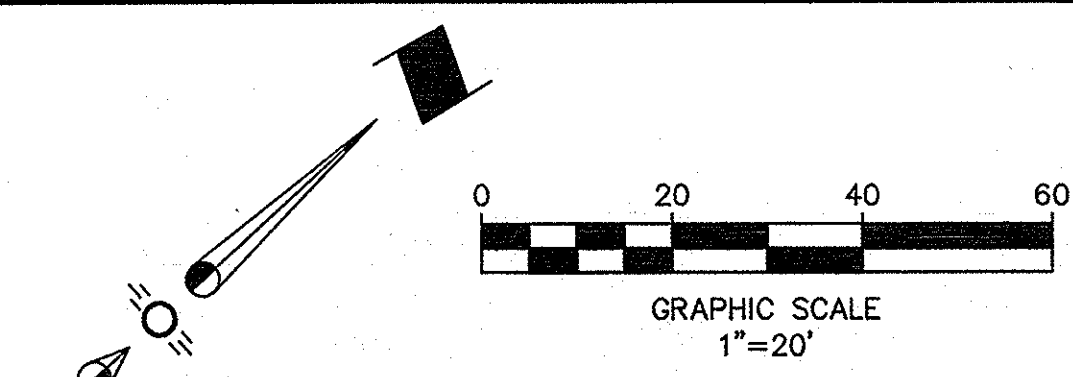
- EX. FIRE HYDRANT
- EX. OVERHEAD ELECTRIC
- EX. STORM SEWER
- EX. CURB & GUTTER
- PROPERTY BOUNDARY
- EX. GAS LINE
- EX. WATER LINE
- EX. SANITARY SEWER LINE
- PROPOSED CURB & GUTTER
- PROP. STORM SEWER
- DRAINAGE AREA DIVIDE
- FLOW DIRECTION

**DRAINAGE CRITERIA**

Q = C I A  
 C = 0.90  
 I<sub>100</sub> = 8.88 in/hr  
 T<sub>c</sub> = 10 min.

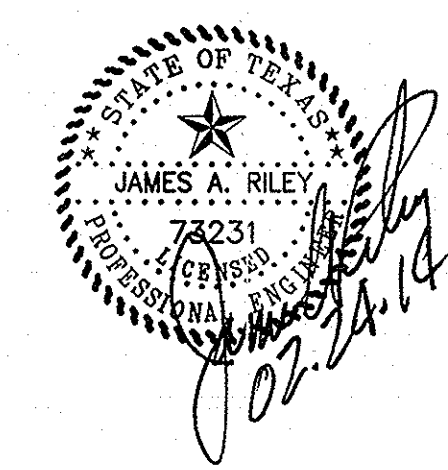


DRAINAGE AREA CHART						
AREA No.	T <sub>c</sub> (Mins)	C	I <sub>100</sub>	A (Acres)	Q <sub>100</sub> (cfs)	REMARKS
A	10	0.90	9.80	0.03	0.3	TO AREA DRAIN
B	10	0.90	9.80	0.06	0.5	ROOF DRAINS
C	10	0.90	9.80	0.48	4.2	TO 10' CURB INLET
D	10	0.90	9.80	0.05	0.4	TO AREA DRAINS
E	10	0.90	9.80	0.06	0.6	TO AREA DRAINS
F	10	0.90	9.80	0.01	0.1	TO EXISTING STORM SEWER SYSTEM
OS1	10	0.90	9.80	0.12	1.1	TO AREA "C"



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**RECORD DRAWING**  
02/24/14



**NOTE:**  
 TO THE BEST OF OUR KNOWLEDGE BROCKETTE DAVIS DRAKE, INC., HEREBY STATES THAT THIS PLAN IS AS-BUILT. THIS INFORMATION PROVIDED IS BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

**NOTE:**  
 All responsibility for adequacy of the design remains with the Design Engineer. The City of Rockwall, in reviewing and releasing plans for construction, assumes no responsibility for adequacy or accuracy of design.

- BENCHMARKS:**
- BENCHMARK 1:** City of Rockwall Monument Reset #1. ELEVATION = 567.70 feet
  - BENCHMARK 2:** Square cut on south bull nose of median, 350± southeast of the intersection of Tubbs Road and F.M. 3097. ELEVATION = 520.73
  - BENCHMARK 3:** Square cut on back of curb, southwest of main entrance at Tubbs Road, 100± southwest of helicopter pad. ELEVATION = 530.78

No.	Revision	Date

**DRAINAGE AREA MAP**

**MEDICAL OFFICE BUILDING**  
**LOT 7, BLOCK A**  
**PRESBYTERIAN HOSPITAL ADDITION**  
**ROCKWALL, TEXAS**

**BROCKETTE/DAVIS/DRAKE, INC.**  
 consulting engineers  
 Civil & Structural Engineering • Surveying  
 Texas Registered Engineering Firm F-841  
 4144 North Central Expressway, Suite 1100  
 Dallas, Texas 75204  
 (214) 824-3647 • fax (214) 824-7064

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAR	DJA	05/14/13	1"=20'	BDD	C12126	<b>C6</b>