

NOTE: TOTAL FLOW TO EXISTING 2-9'x8' CULVERT WITH DEVELOPED SCHOOL AND ULTIMATE DEVELOPED CONDITIONS IS APPROXIMATELY 0.100 = 1,753.0 CFS.  
 TOTAL FLOW TO EXISTING 2-9'x8' UNDER EXISTING CONDITIONS IS APPROXIMATELY 1,191.9 CFS.

AREA NO.	DRAINAGE AREA "A" (ACRES)	TIME OF CONCENTRATION (IN MINUTES)	RUNOFF COEFFICIENT "C"	INTENSITY "I" 100" (IN./HR.)	DESIGN FLOW Q "Q" 100" (cfs)	REMARKS
ON-SITE PROPOSED	39.9	20	0.65	8.4	217.9	TO EX. 2 - 9'x8' CULVERT
ON-SITE EXISTING	39.9	20	0.35	8.4	117.3	TO EX. 2 - 9'x8' CULVERT
OFFSITE PROPOSED	365.5	20	0.50	8.4	1,535.1	TO EX. 2 - 9'x8' CULVERT
OFFSITE EXISTING	365.5	20	0.35	8.4	1,074.6	TO EX. 2 - 9'x8' CULVERT

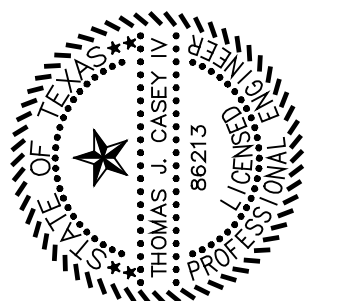
**DRAINAGE AREA MAP**  
SCALE: 1" = 60'



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**ROCKWALL MIDDLE SCHOOL #4**  
ROCKWALL INDEPENDENT SCHOOL DISTRICT  
ROCKWALL, TEXAS

FINAL PLANS FOR BIDDING AND CONSTRUCTION



SHEET NUMBER	C
OF	2.23A
SET NUMBER	

DATE NOV. 9, 2001  
DRAWN BY TJC  
CHECKED RAH  
CONV. NO. 144101044  
REVISED FEBRUARY 6, 2002