



DRAINAGE DESIGN							
Design Point	Area (Acres)	"C"	Incr. "CA"	Accum. "CA"	t _c	I ₁₀₀	Q ₁₀₀
1	64.4	0.781	50.0	50.0	16.2	9.3	465.0
2	3.9	0.795	3.1	53.1	16.6	9.1	483.2
3	20.8	0.797	16.6	69.7	16.9	9.0	627.3
4	35.8	0.800	28.6	98.3	17.9	8.6	845.4
City of Dallas Criteria							
6	9.5	0.9	8.6	8.6	11.1	7.6	65.4

LEGEND:
 Q = CIA
 C = 0.8 Commercial
 C = 0.7 Multi-Family
 Minimum t_c = 10 Min
 I₁₀₀ = 11.6 in./hr.
 Q₁₀₀ = 9.28 A

Area (Acres)
 Q₁₀₀ (cfs)

**CITY OF ADDISON
 APPROVED
 FOR CONSTRUCTION**

BUILDING DEPARTMENT

NOTE: CONTRACTOR IS HEREBY INSTRUCTED TO EXERCISE CARE IN SETTING OR EXCEEDING ALL REQUIREMENTS OF BOTH NATIONAL AND LOCAL CODES AND OR ORGANIZATION'S APPLICABLE TO HIS WORK. APPROVAL OF THESE DRAWINGS SHALL NOT BE CONSTRUED TO RELIEVE RESPONSIBILITY OR IMPLY VARIANCE TO SUCH CODES.

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DRAINAGE AREA MAP
 BENT TREE PLAZA PARKWAY
 CITY OF ADDISON, TEXAS

ENGINEERS WORRELL & ASSOCIATES, INC. PLANNERS
 13619 INWOOD ROAD, SUITE 300
 DALLAS, TEXAS 75234

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
W & A	RGB	OCT. '82	1" = 200'	8201-01		

Worrell & Associates, Inc.
 6/30/82