



STORM SEWER DESIGN

$Q_{25} = CIA$
 Where $C = 0.9$ PVM/T
 0.7 Commercial
 $I = 9.2"/HR.$ (for $T_c = 10$ MIN.)
 $A = AREA$ (Acres)

NOTE: SEE ADDITIONAL CALCULATIONS FOR INLET AND STORM SEWER DESIGNS.

INLET DESIGN

$Q_{10} = CIA$
 Where $C = 0.9$
 $I = 8.0$
 $A = AREA$

LEGEND

AREA DESIGNATION — AREA (Acres)

Q_{10} (c.f.s.) (INLET DESIGN) — Q_{100} (c.f.s.) and Q_{25} (c.f.s.) STORM SEWER DESIGN (Use $Q_{25} = CIA$)

--- DRAINAGE BASIN LIMITS
 - - - STORM DRAINAGE LINES (Proposed)
 X or Y RECESSED INLET OR "X", "Y" INLET
 660 CONTOURS
 - - - GENERAL DIRECTION OF FLOW

GENERAL NOTE:
 DRAINAGE BASIN LIMITS ARE APPROXIMATE. ACTUAL LIMITS FOR DRAINAGE CALCULATIONS WERE DELINEATED ON LARGER SCALE TOPO. MAPS. LIMITS SHOWN THIS MAP ARE INDICATION OF GENERAL AREA ONLY.

Record Set 5/9/85

CITY OF ADDISON
 DALLAS COUNTY, TEXAS
WESTGROVE / VOSS ROAD IMPROVEMENTS
 DRAINAGE AREA MAP

GINN, INC.
 Consulting Engineers - Dallas, Texas

DESIGNED - H J	DRAWN - RGB	DATE - SEPT., 1982	FILED J-192
APPROVED - HWG	CHECKED - HBJ	SCALE - 1" = 200'	SHEET 20 OF