

SCALE IN FEET
0 15 30 45 60 90

LEGEND

- 8" SS → EXIST. SANITARY SEWER
- 12" W → EXIST. WATER
- RCP → EXIST. STORM SEWER
- → OVERHEAD ELECTRIC
- → PROPOSED SANITARY SEWER
- → PROPOSED WATER
- → PROPOSED STORM SEWER
- → PROPERTY LINE
- → EASEMENT LINE
- → PROPOSED DRAINAGE DIVIDE

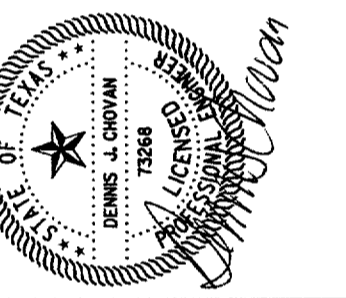
- AREA NO. (DA-1) PROPOSED DRAINAGE AREA
- AREA (ACRES) (AC) 100 YR DISCHARGE (CFS)

$Q_{100} = C \cdot I \cdot A$

Q_{100} = (100 YR DISCHARGE) = CFS
 C = (RUNOFF COEFFICIENT) = 0.9
 I = (RAINFALL INTENSITY) = 8.74 IN/HR
 A = (AREA) = ACRES

T_c = (TIME OF CONCENTRATION) = 10 MIN.

THE STATE OF TEXAS, COUNTY OF DALLAS, BEING THE OFFICE OF THE ENGINEER, DO HEREBY CERTIFY THAT THE ENGINEER HAS REVIEWED THE PLANS AND SPECIFICATIONS FOR THE PROPOSED DRAINAGE AREA MAP FOR THE PROJECT DESCRIBED HEREIN, AND THAT THE SAME COMPLY WITH THE REQUIREMENTS OF THE TEXAS ENGINEERING PRACTICE ACT, AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT, AS APPLICABLE TO THE PROFESSION OF ENGINEERING, AND THAT THE OFFICES OF HALF ASSOCIATES, INC., 8616 NORTHWEST PLAZA DRIVE, DALLAS, TEXAS 75225, IS THE ENGINEER OF RECORD FOR THIS PROJECT.



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Project No: AVO # 20079
 Issued: 05/13/02

Rev.	Date	Description
1	05/13/02	GRADE CHANG AT NORTH SIDE OF BLDG.
2	5/20/2002	AS PER SITE CHANGES

Drawn by: DD
 Checked by: DJC
 Sheet Title: DRAINAGE AREA MAP
 Sheet Number: C3.1

