

**NOTES:**

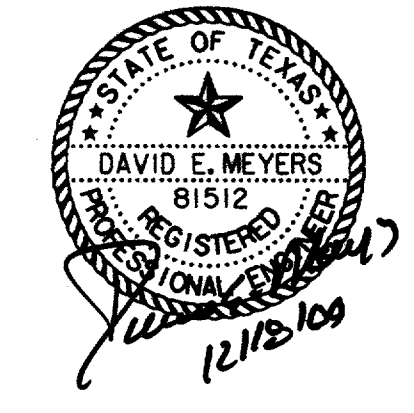
1. FOR ADDITIONAL INFORMATION REGARDING OUTFALL CAPACITY, OFFSITE FLOWS AND OTHER DETAILS THAT MAY BE RELEVANT TO THIS DRAINAGE SYSTEM, SEE "MASTER INFRASTRUCTURE REPORT FOR ADDISON CIRCLE" DATED DECEMBER 18, 1995, PREPARED BY HUITT-ZOLLARS, INC.
2. THIS PLAN ILLUSTRATES THE PROBABLE DRAINAGE DIVIDES FOR THE ULTIMATE BUILDOUT CONDITION WITHIN AND UPSTREAM OF ADDISON CIRCLE PHASE I. THE PATTERNS OF FLOW FOR THE INTERIM CONDITION (PRIOR TO BUILDOUT) ARE INDICATED ON SHEET SW2 OF THIS SET. THE PERMANENT DRAINAGE SYSTEM HAS BEEN DESIGNED BASED ON FULLY DEVELOPED CONDITIONS. TEMPORARY INLETS AND SWALES HAVE BEEN SIZED FOR UNDEVELOPED (OR "EXISTING") FLOWS PER SHEET SW2.
3. FOR RUNOFF AND INLET CALCULATIONS, SEE SHEETS SW3 THRU SW9.
4. LINE 'M' AND LATERAL 'M-6' ARE SIZED TO CONVEY RUNOFF FROM AREA 'N-7' IN THE EVENT FUTURE DEVELOPMENT DIFFERS FROM WHAT IS ANTICIPATED.
5. FUTURE LINE 'Q' IS SIZED TO CONVEY RUNOFF FROM AREA 'L-9' IN THE EVENT FUTURE DEVELOPMENT DIFFERS FROM WHAT IS ANTICIPATED.
6. AREA 'L-2' CAN ALSO DRAIN TO A STUB PROVIDED FROM LINE 'A' AS FUTURE DEVELOPMENT DICTATES.
7. EXISTING STORM SEWER LOCATIONS AND SIZES WERE OBTAINED FROM RECORD DRAWINGS FROM THE TOWN OF ADDISON. ACTUAL LOCATION IN THE FIELD MAY VARY FROM THE PLANS.

— DRAINAGE AREA DIVIDE  
 → DIRECTION OF SURFACE FLOW

**RUNOFF CRITERIA**  
 C=0.50 FOR AREAS N7, A8 & A10  
 C=0.90 FOR REMAINING AREAS  
 MINIMUM  $t_c=10.00$  MINUTES  
 $I_{100}=8.74$  in/hr

A-1 DRAINAGE AREA DESIGNATION  
 0.32 TOTAL DRAINAGE AREA (ACRES) AT POINT OF CONCENTRATION  
 2.52 Q100 (cfs)

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY DAVID E. MEYERS, P.E. 81512



**RECORD DRAWING**

DATE	DESCRIPTION	REF NO.
10/3/97	ISSUED FOR CONSTRUCTION	N/A
7/14/97	ISSUED FOR BID	N/A

DRAINAGE AREA MAP PROPOSED & FUTURE DEVELOPMENT ADDISON CIRCLE PHASE II PUBLIC INFRASTRUCTURE TOWN OF ADDISON, TEXAS					
Huitt-Zollars, Inc./Engineering/Architecture Dallas, Fort Worth, Houston, El Paso, Phoenix, Tustin, Ontario					
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJECT NO.
HZ1	HZ1	DEM	1"=100'	JUN. 97	01-1822-21
					<b>SWI</b>

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