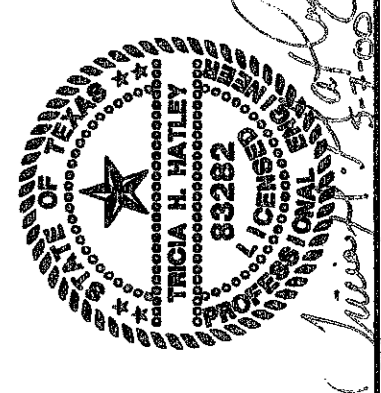




0 50' 100' 200'
1"=100'

RECORD DRAWING
BASED ON THE INFORMATION
SUPPLIED BY THE CONTRACTOR
DATE: 3-4-99 TO: TH

THIS DRAWING IS THE PROPERTY OF
TRICIA H. HATLEY
ENGINEER: TRICIA H. HATLEY
TEXAS REGISTRATION NO. 83282
DATE: OCT. 6, 1999



BENCHMARK:
SQUARE CUT ON INLET AT S.W. CORNER OF SOJOURN
DR. AND ADDISON RD. ELEV. 641.95

LEGEND

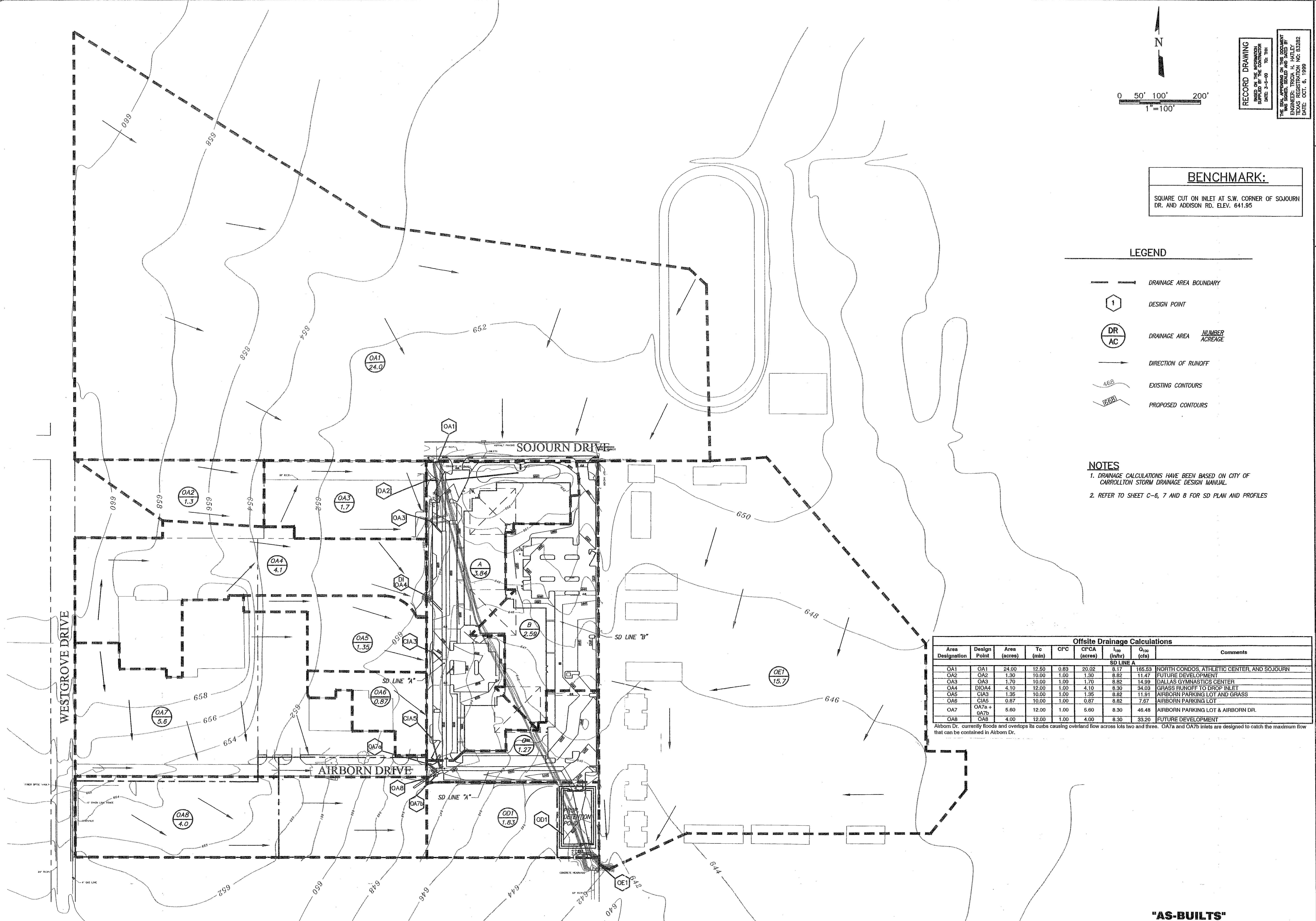
- DRAINAGE AREA BOUNDARY
- DESIGN POINT
- DRAINAGE AREA NUMBER
ACREAGE
- DIRECTION OF RUNOFF
- EXISTING CONTOURS
- PROPOSED CONTOURS

NOTES

1. DRAINAGE CALCULATIONS HAVE BEEN BASED ON CITY OF CARROLLTON STORM DRAINAGE DESIGN MANUAL.
2. REFER TO SHEET C-6, 7 AND 8 FOR SD PLAN AND PROFILES

Offsite Drainage Calculations								Comments
Area Designation	Design Point	Area (acres)	Tc (min)	C/F	C/FCA (acres)	I ₁₀₀ (in/hr)	Q ₁₀₀ (cfs)	
SD LINE A								
OA1	OA1	24.00	12.50	0.83	20.02	8.17	165.53	NORTH CONDOS, ATHLETIC CENTER, AND SOJOURN
OA2	OA2	1.30	10.00	1.00	1.30	8.82	11.47	FUTURE DEVELOPMENT
OA3	OA3	1.70	10.00	1.00	1.70	8.82	14.39	DALLAS GYMNASIUMS CENTER
OA4	DIOA4	4.10	12.00	1.00	4.10	8.30	34.03	GRASS RUNOFF TO DROP INLET
OA5	CIA3	1.35	10.00	1.00	1.35	8.82	11.91	AIRBORN PARKING LOT AND GRASS
OA6	CIA5	0.87	10.00	1.00	0.87	8.82	7.67	AIRBORN PARKING LOT
OA7	OA7a + OA7b	5.60	12.00	1.00	5.60	8.30	46.48	AIRBORN PARKING LOT & AIRBORN DR.
OA8	OA8	4.00	12.00	1.00	4.00	8.30	33.20	FUTURE DEVELOPMENT

Airborn Dr. currently floods and overtops its curbs causing overland flow across lots two and three. OA7a and OA7b inlets are designed to catch the maximum flow that can be contained in Airborn Dr.



FREESE-NICHOLS
1341 W. Montclair Lane, Suite 230-E
75247
214-520-2500

OMNIPLAN ARCHITECTS
SOJOURN OFFICE CENTER
ADDISON, TEXAS
SITWORK PLANS
OFFSITE DRAINAGE AREA MAP

NO. REVISION	DATE	BY	DESIGNED	MDW	DESIGNED	MDW	DRAWN	SAM	REVISION	MDW	CHECKED	THH
1	4/30/99	MDW	206DampOff	DATE	7-28-99							
PER CONTRACTOR RT "1" AND "3" VERIFY SCALE: Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.												

"AS-BUILTS"