

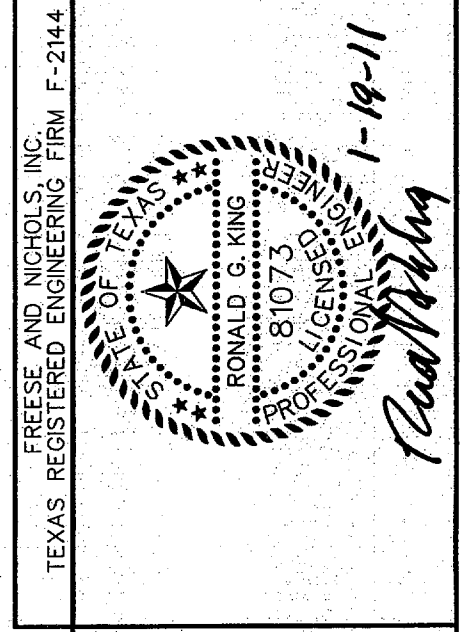
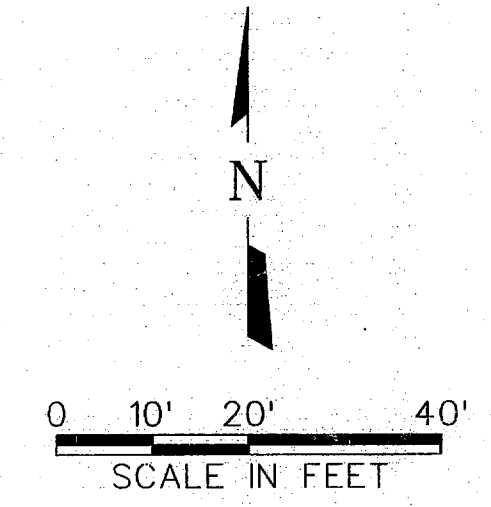
**LEGEND**

- DRAINAGE AREA BOUNDARY
- FLOW DIRECTION
- DRAINAGE DESCRIPTION

EXISTING CONDITIONS					
AREA NO.	AREA (acre)	C-VALUE	Tc (min)	I (in/hr)	Q (cfs)
A-1	0.97	0.30	15.00	7.98	2.32
A-2	0.37	0.30	15.00	7.98	0.89

PROPOSED CONDITIONS					
AREA NO.	AREA (acre)	C-VALUE	Tc (min)	I (in/hr)	Q (cfs)
A-1	0.97	0.60	15.00	7.98	4.64
A-2	0.37	0.60	15.00	7.98	1.78

PROPOSED CONDITIONS RUNOFF COEFFICIENT		
AREA DESCRIPTION	AREA (sf)	C-VALUE
DRIVE PAVEMENT	13,500	0.95
SIDEWALKS	5,550	0.95
PAVERS	1,000	0.95
ELEVATED TANK	6,362	1.00
GRASSED SPACE	31,958	0.30
COMPOSITE	58,370	0.60



**FREESE AND NICHOLS, INC.**  
 2220 San Antonio Blvd., Suite 330  
 Houston, TX 77057  
 Phone: (940) 387-4600  
 Fax: (940) 387-4677  
 Web: www.freeze.com

TOWN OF ADDISON, TEXAS  
**SURVEYOR 1.5 MG EST**  
 CIVIL  
**DRAINAGE AREA MAP**

NO. ISSUES	BY	DATE	FRN JOB NO.	ADD08459
			DATE	01/21/11
			DESIGNED	DAT
			DRAWN	SB
			REVISED	RUS
			CHECKED	RGK
			FILE NAME	CV-EST-PL-DAM01.SHT

M:\050501.dwg  
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 Project: Freese and Nichols, Inc. - Dallas, TX  
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