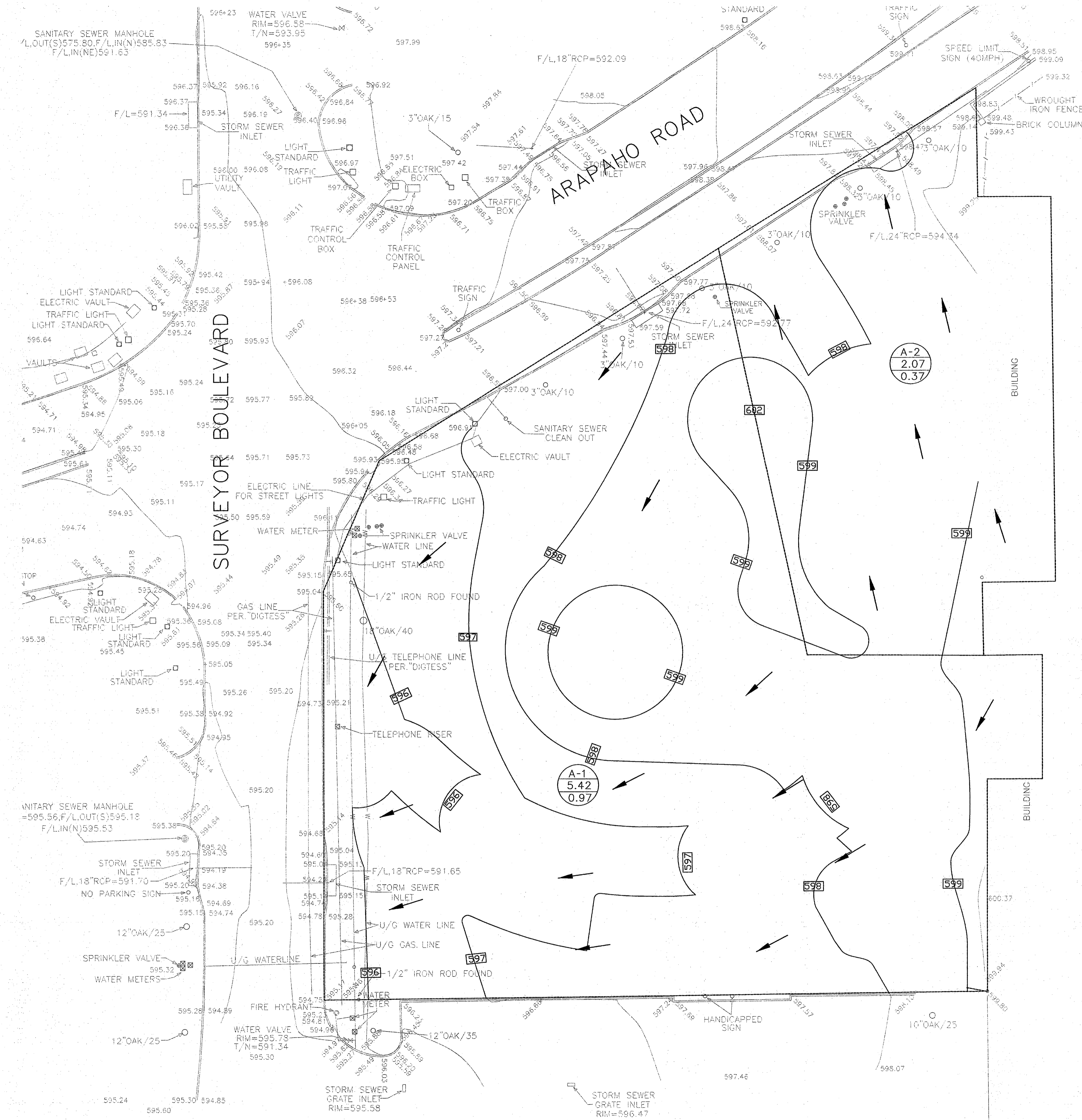


MicroStation V8 User's manual
 Addon08459 - N:\Drawings\CV-EST-PL-DAM01.SHT
 Plot Scale: 1"=20.000'
 Date: 01/19/2011 - 01:18:07 PM
 Project: Freese and Nichols, Inc. - 01807 PL



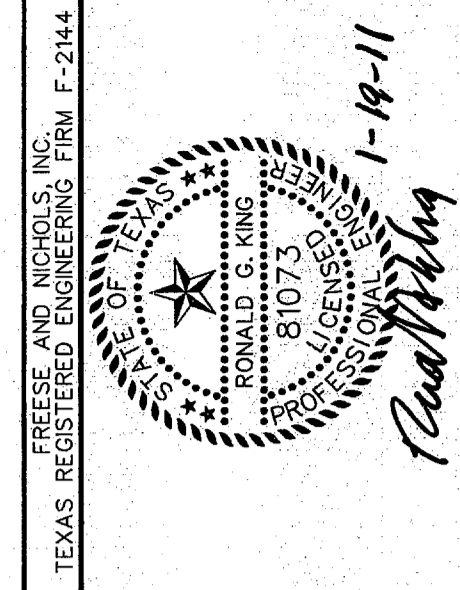
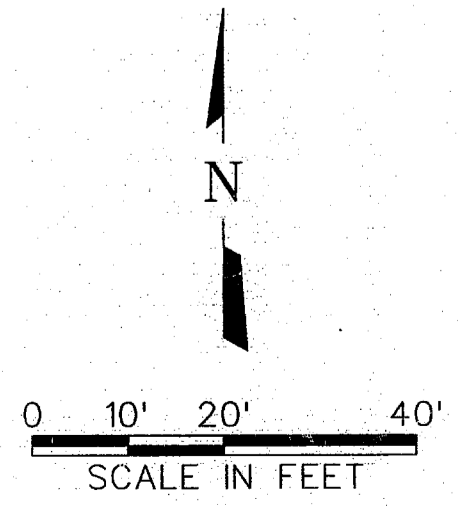
LEGEND

- DRAINAGE AREA BOUNDARY
- FLOW DIRECTION
- ⊙ (AREA, Q(CFS), AC) 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



FRESE & NICHOLS
 2220 San Jacinto Blvd., Suite 330
 Denton, TX 76205-4500
 Fax: (940) 387-4677
 Web: www.freese.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	RJS
			CHECKED	ROK
			FILE NAME	CV-EST-PL-DAM01.SHT

VERIFY SCALE: Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.

SHEET C-4