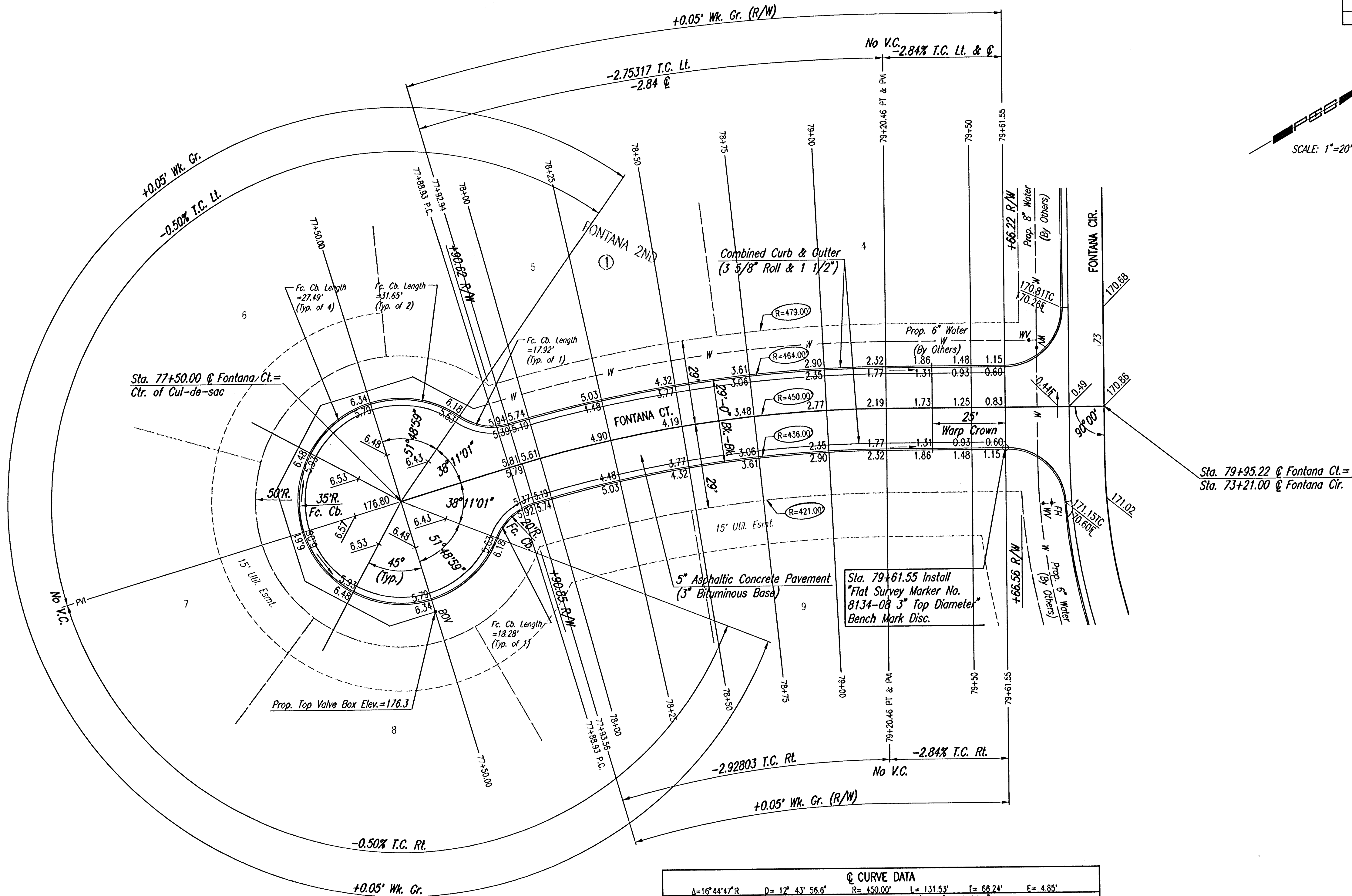


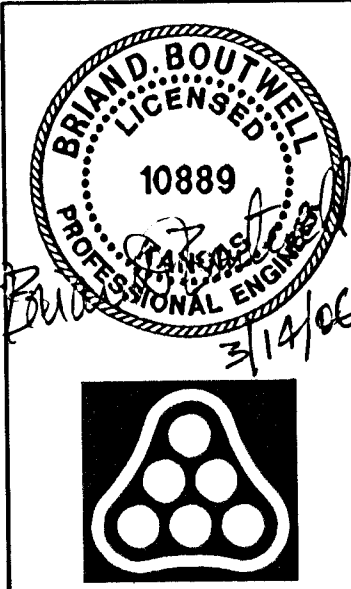
WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
FONTANA CT.	77+50.00	39.73' RL	176.3

SCALE: 1"=20'



C CURVE DATA							
A=16°44'47"R		D= 12' 43' 56.6"		R= 450.00'	L= 131.53'	T= 66.24'	
				E= 4.85'			
CURVE DATA BASED ON C radius Δ/2= 8° 22' 23.5"							
C STATION	C ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	C TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
77+88.33	4.01'	4.13'	3.89'	4.21'	3.81'	0°00'00.0"	0°00'00.0"
77+92.34	0.61'	0.64'	0.60'	0.65'	0.59'	0°15'19.0"	0°15'19.0"
77+93.56	0.62'	0.64'	0.60'	0.65'	0.59'	0°02'22.1"	0°02'22.1"
78+00.00	6.44'	6.64'	6.24'	6.75'	6.13'	0°24'35.9"	0°42'17.1"
78+25.00	25.00'	25.78'	24.22'	26.22'	23.77'	01°35'29.6"	07°14'46.8"
78+50.00	25.00'	25.78'	24.22'	26.22'	23.77'	01°35'29.6"	03°53'16.2"
78+75.00	25.00'	25.78'	24.22'	26.22'	23.77'	01°35'29.6"	05°28'45.8"
79+00.00	25.00'	25.78'	24.22'	26.22'	23.77'	01°35'29.6"	07°04'15.4"
79+20.46	20.46'	21.09'	19.82'	21.45'	19.45'	01°18'09.1"	08°22'23.5"
TOTAL	131.53'	135.62'	127.43'	Defl./ft.= 3.819719 min.			

NOTE: THIS STREET TO BE CONSTRUCTED WITH ROLL-TYPE CURB. TOP OF CURB ELEVATIONS GIVEN ARE FOR FULL HEIGHT CURB.



No.	Revision	By	Date
	FONTANA ADDITION-PHASE 1		
	FONTANA COURT		
	STA. 77+50.00 TO STA. 79+95.22		
	JAMES L. ARMOUR, P.E. - CITY ENGINEER		
	CITY OF WICHITA PROJECT NO. 472-84086		
	Professional Engineering Consultants, P.A.		
	303 S. TOPEKA • WICHITA, KANSAS 67202		
	316-262-2691 • FAX 316-262-3003		
Designed by	BDB, BLB	Job No.	35-04485-000
Drawn by	BJS	Date	September 2004
		Sheet	23 of 101