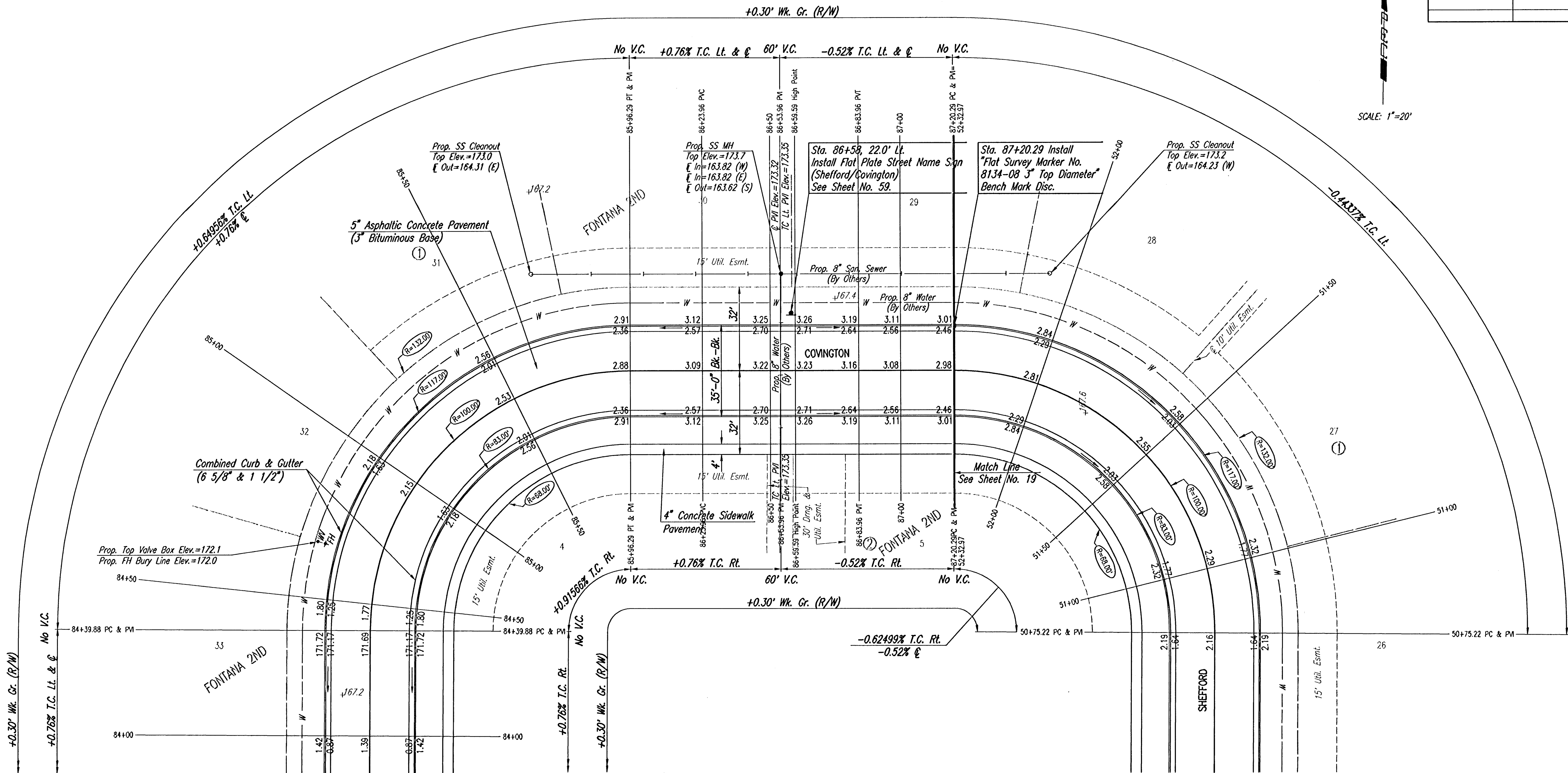


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
COVINGTON	84+67.39	25.0' LT.	172.1

SCALE: 1"=20'



CURVE DATA							
A=89°17'15"R		D= 57' 17" 44.8"		R= 100.00'		I= 156.41' T= 99.33' E= 40.35'	
CURVE DATA BASED ON RADIUS 4/2= 44° 48' 31.5"							
STATION	ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OF LEFT FACE CURB	8' OF RIGHT FACE CURB		
84+39.88						0°00'00.0"	0°00'00.0"
84+50.00	10.12'	11.84'	8.40'	12.64'	7.59'	02°53'57.0"	02°53'57.0"
84+55.00	25.00'	29.25'	20.75'	31.17'	18.70'	07°09'43.1"	10°03'40.1"
85+00.00	25.00'	29.25'	20.75'	31.17'	18.70'	07°09'43.1"	17°13'23.3"
85+25.00	25.00'	29.25'	20.75'	31.17'	18.70'	07°09'43.1"	24°23'08.4"
85+50.00	25.00'	29.25'	20.75'	31.17'	18.70'	07°09'43.1"	31°32'49.5"
85+55.00	25.00'	29.25'	20.75'	31.17'	18.70'	07°09'43.1"	38°42'32.6"
85+56.29	21.29'	24.31'	17.67'	26.58'	15.94'	05°05'56.9"	44°48'31.5"
TOTAL	156.41'	183'	129.82'			Def/R/L= 17.188734 min.	

SEE SHEET 19 FOR CURVE DATA TABLE (P.C. STA. 87+20.29=P.T. STA. 52+32.97)

Drawn by BJS
 Checked by BDB, BLB
 Date September 2004



No.	Revision	By	Date
FONTANA ADDITION-PHASE 1			
COVINGTON/SHEFFORD			
STA. 84+39.88 TO STA. 87+20.29			
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	21 of 101