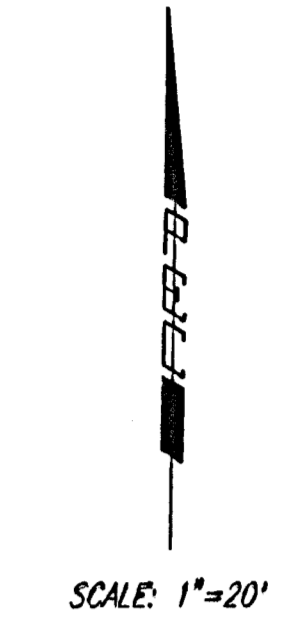
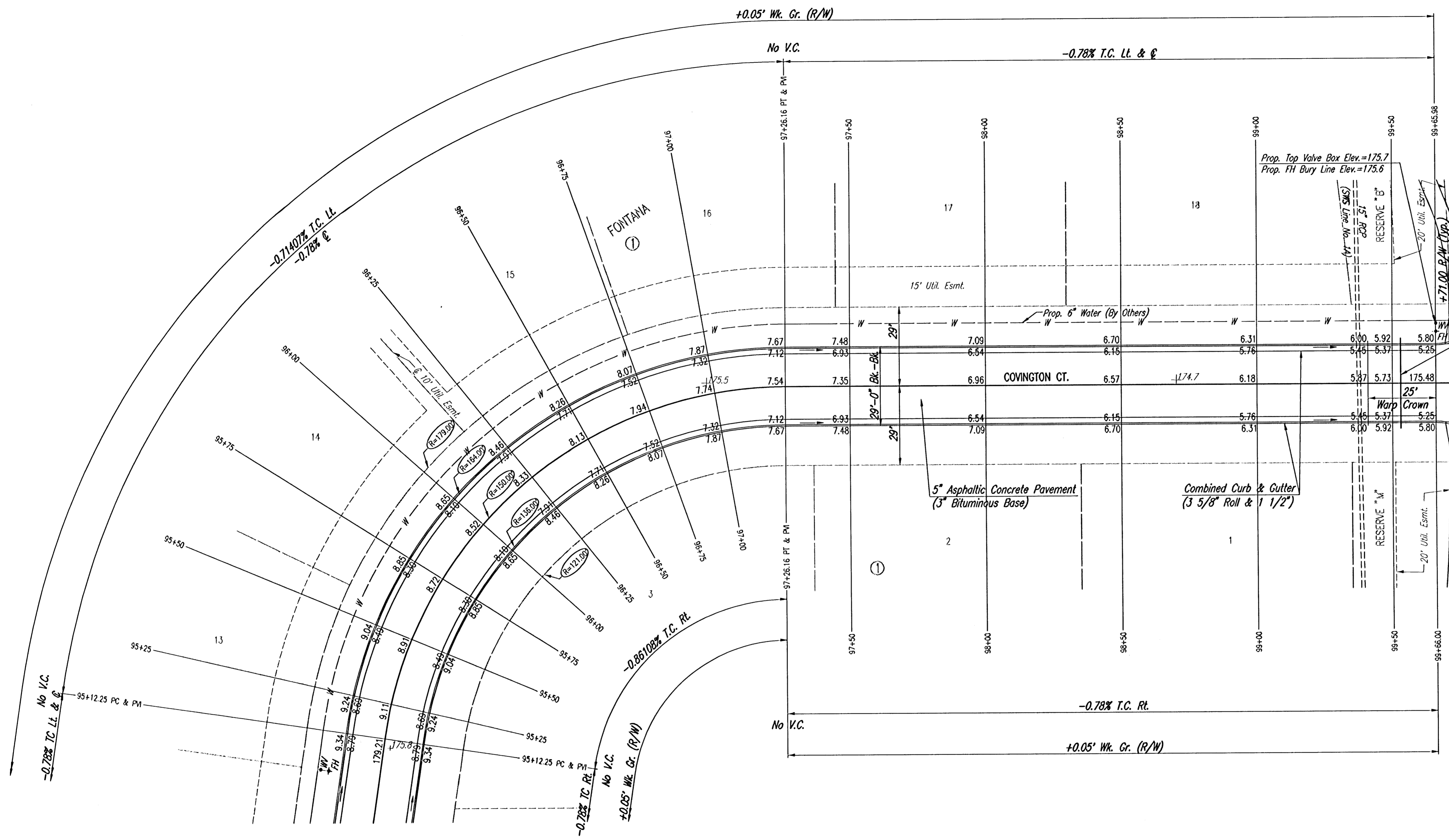


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
COVINGTON CT.	99+65.98	22.0' Lt.	175.7



Sta. 99+53, 16.5' Lt. to 16.5' Rt.
Install (1) Class-200 8" PVC Pipe Sleeve. See Sheet No. 28 for Details.

Sta. 100+00.00 @ Covington Ct. =
Sta. 15+77.67 @ Covington

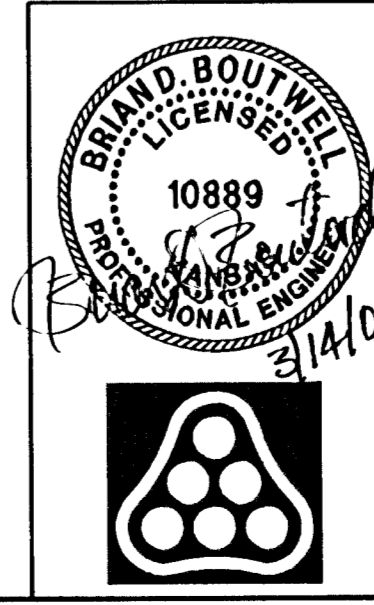


Q CURVE DATA
 $\Delta = 81^\circ 42' 24''$ $D = 38' 11' 49.3''$ $R = 150.00'$ $L = 213.91'$ $T = 129.72'$ $E = 48.31'$
 CURVE DATA BASED ON Q radius $\Delta/2 = 40^\circ 51' 12''$

Q STATION	Q ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	Q TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
95+12.25						0°00'00.0"	0°00'00.0"
95+25.00	12.75'	13.94'	11.56'	14.62'	10.88'	0°22'06.3"	0°22'06.3"
95+50.00	25.00'	27.33'	22.67'	28.63'	21.31'	0°46'28.7"	0°46'28.7"
95+75.00	25.00'	27.33'	22.67'	28.63'	21.31'	0°46'28.7"	1°11'03.8"
96+00.00	25.00'	27.33'	22.67'	28.63'	21.31'	0°46'28.7"	1°35'32.5"
96+25.00	25.00'	27.33'	22.67'	28.63'	21.31'	0°46'28.7"	2°00'01.3"
96+50.00	25.00'	27.33'	22.67'	28.63'	21.31'	0°46'28.7"	2°24'30.0"
96+75.00	25.00'	27.33'	22.67'	28.63'	21.31'	0°46'28.7"	2°49'08.8"
97+00.00	25.00'	27.33'	22.67'	28.63'	21.31'	0°46'28.7"	3°13'47.5"
97+25.00	25.00'	27.33'	22.67'	28.63'	21.31'	0°46'28.7"	3°38'26.2"
97+26.16	1.16'	1.27'	1.05'	1.33'	0.99'	0°13'17.6"	4°03'11.2"
TOTAL	213.91'	233.87'	193.94'				

Defl./ft. = 11.459156 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 I			
COVINGTON COURT			
STA. 95+12.25 TO STA. 100+00			
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 25 of 101

Saved 03-13-2006 4:58:52 PM by BJS
 Plot Scale 1/2"=20' 03-14-2006 9:37:26 AM by JMU
 C:\Users\jmu\Documents\1000\S1895-1.DWG