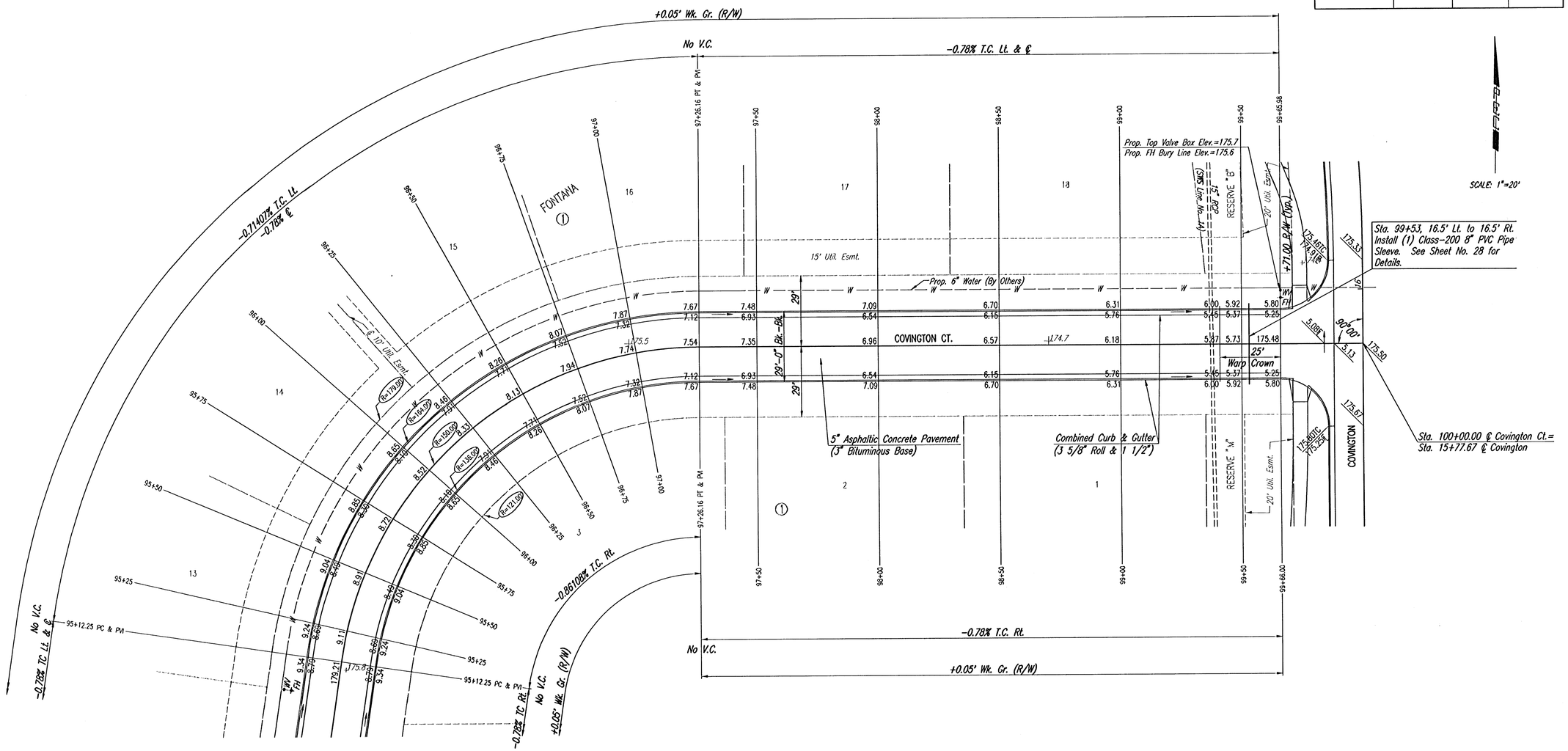
WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
COVINGTON CT.	99+65.98	22.0' Lt.	175.7



℄ CURVE DATA

Δ=81°42'24"R D= 38° 11' 49.9" R= 150.00' L= 213.91' T= 129.72' E= 48.31'

CURVE DATA BASED ON ℄ radius Δ/2= 40° 51' 12"

℄ STATION	℄ ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	℄ 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'	02°26'06.3"	02°26'06.3"
95+50.00	25.00'	27.33'	22.67'	28.63'	21.31'	04°46'28.7"	07°12'35.0"
95+75.00	25.00'	27.33'	22.67'	28.63'	21.31'	04°46'28.7"	11°59'03.8"
96+00.00	25.00'	27.33'	22.67'	28.63'	21.31'	04°46'28.7"	16°45'32.5"
96+25.00	25.00'	27.33'	22.67'	28.63'	21.31'	04°46'28.7"	21°32'01.3"
96+50.00	25.00'	27.33'	22.67'	28.63'	21.31'	04°46'28.7"	26°18'30.0"
96+75.00	25.00'	27.33'	22.67'	28.63'	21.31'	04°46'28.7"	31°04'58.8"
97+00.00	25.00'	27.33'	22.67'	28.63'	21.31'	04°46'28.7"	35°51'27.5"
97+25.00	25.00'	27.33'	22.67'	28.63'	21.31'	04°46'28.7"	40°37'56.2"
97+26.16	1.16'	1.27'	1.05'	1.33'	0.99'	00°13'17.6"	40°51'12"
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.

BRIAN D. BOUTWELL LICENSED 10889 PROFESSIONAL ENGINEER
3/14/06

No.	Revision	By	Date

FONTANA ADDITION-PHASE 1

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
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Designed by	BDB, BLB	Job No.	35-04485-000	Sheet 25 of 101
Drawn by	BJS	Date	September 2004	

Saved 03-15-2006 4:39:52 PM by BJS
Plot Scale 1:20 03-14-2006 9:37:26 AM by JMM
G:\2004\04485\000\ST\R95-100