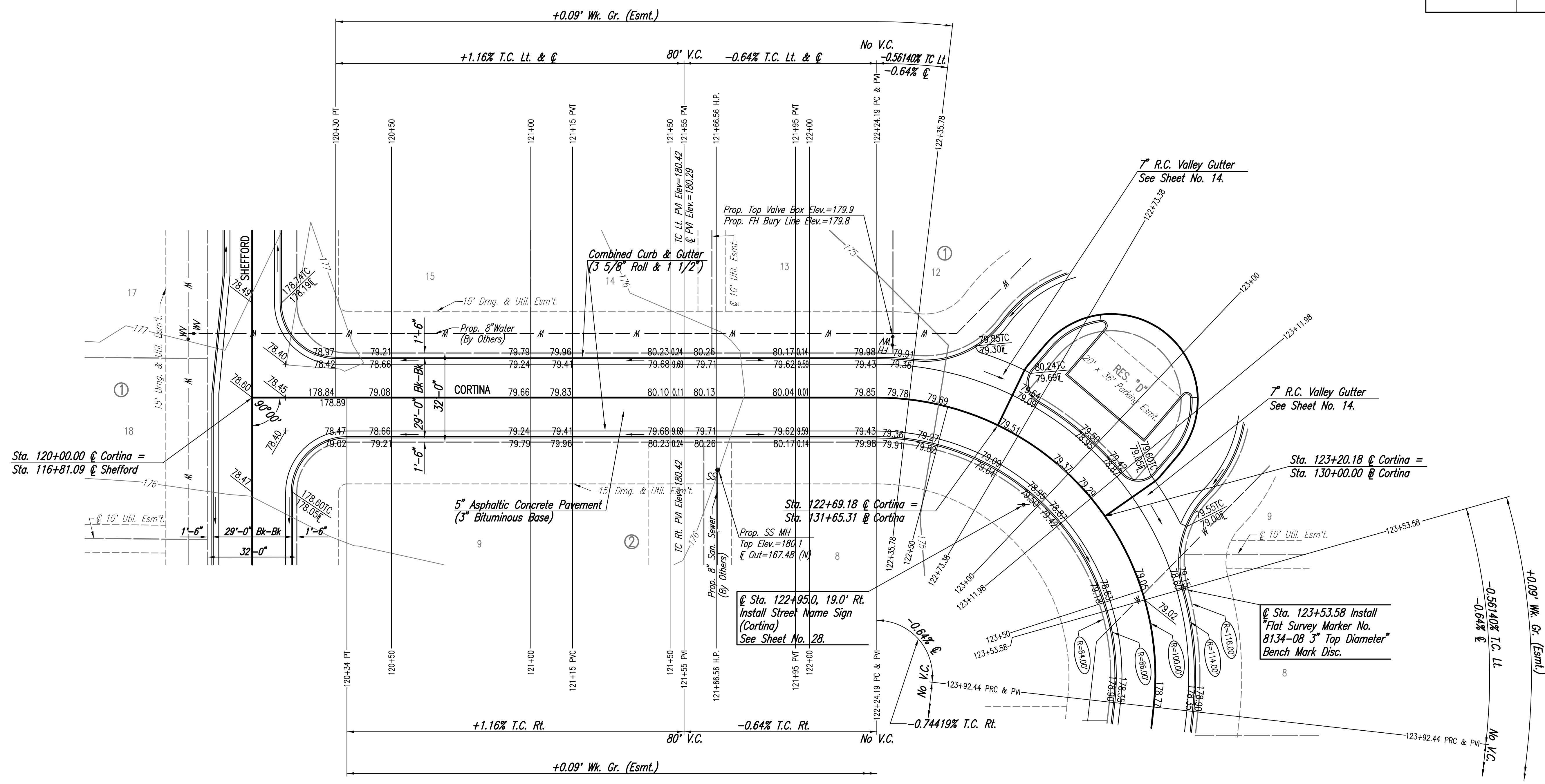
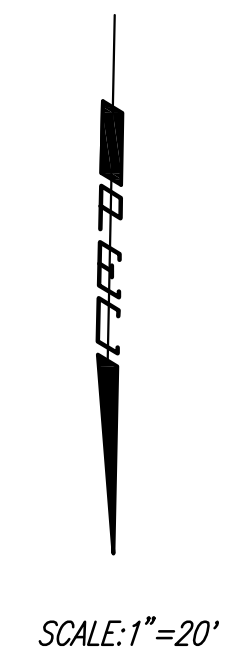


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
CORTINA	Sta. 122+28.91	22.0' Lt.	179.9



© CURVE DATA
 $A=96^{\circ}24'5''$ $D=57'17''44.8''$ $R=100.00'$ $L=168.25'$ $T=111.85'$ $E=50.03'$
 CURVE DATA BASED ON @ radius $\Delta/2=48'12''3''$

© 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		
122+24.19						0°00'00.0"	0°00'00.0"
122+25.00	0.81'	0.92'	0.70'	0.99'	0.63'	00°13'55.4"	00°13'55.4"
122+35.78	10.78'	12.29'	9.27'	13.15'	8.40'	03°05'17.7"	03°19'13.1"
122+50.00	14.22'		12.23'		11.08'	04°04'25.4"	07°23'38.5"
122+73.38	23.38'		20.11'		18.19'	06°41'52.4"	14°05'30.9"
122+75.00	1.62'	1.85'	1.39'	1.98'	1.26'	00°27'50.7"	14°33'21.6"
123+00.00	25.00'	28.50'	21.50'	30.42'	19.45'	07°09'43.1"	21°43'04.7"
123+11.98	11.98'	13.66'	10.30'	14.61'	9.34'	03°25'55.3"	25°09'0"
123+25.00	13.02'		11.20'		10.15'	03°43'47.9"	28°52'47.9"
123+50.00	25.00'		21.50'		19.45'	07°09'43.1"	36°02'31.0"
123+53.58	3.58'		3.08'		2.79'	01°01'32.1"	37°04'03.1"
123+75.00	21.42'	24.42'	18.42'	26.08'	16.68'	06°08'11.0"	43°12'14.1"
123+92.44	17.44'	19.88'	15.00'	21.25'	13.59'	04°59'46.3"	48°12'03.1"
TOTAL	168.25'	101.52'	144.7''				

$Del'l/Rt = 17.188734 \text{ min.}$

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 3RD ADDITION CORTINA STA. 120+00 TO STA. 123+92.44 JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84091 Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	BDB, BMM	Job No.	35-06611-000
Drawn by	BJS, TAT, BMM	Date	November 2006

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Saved 06-21-2007 11:40:50 AM by BJS
 Plot Scale 1:20 06-21-2007 12:02:22 PM by BJS
 G:\2006\06611\000\06611-000-C-S1R20-124