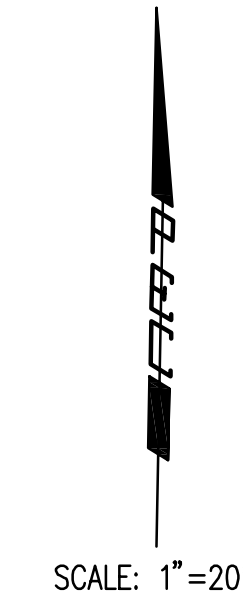
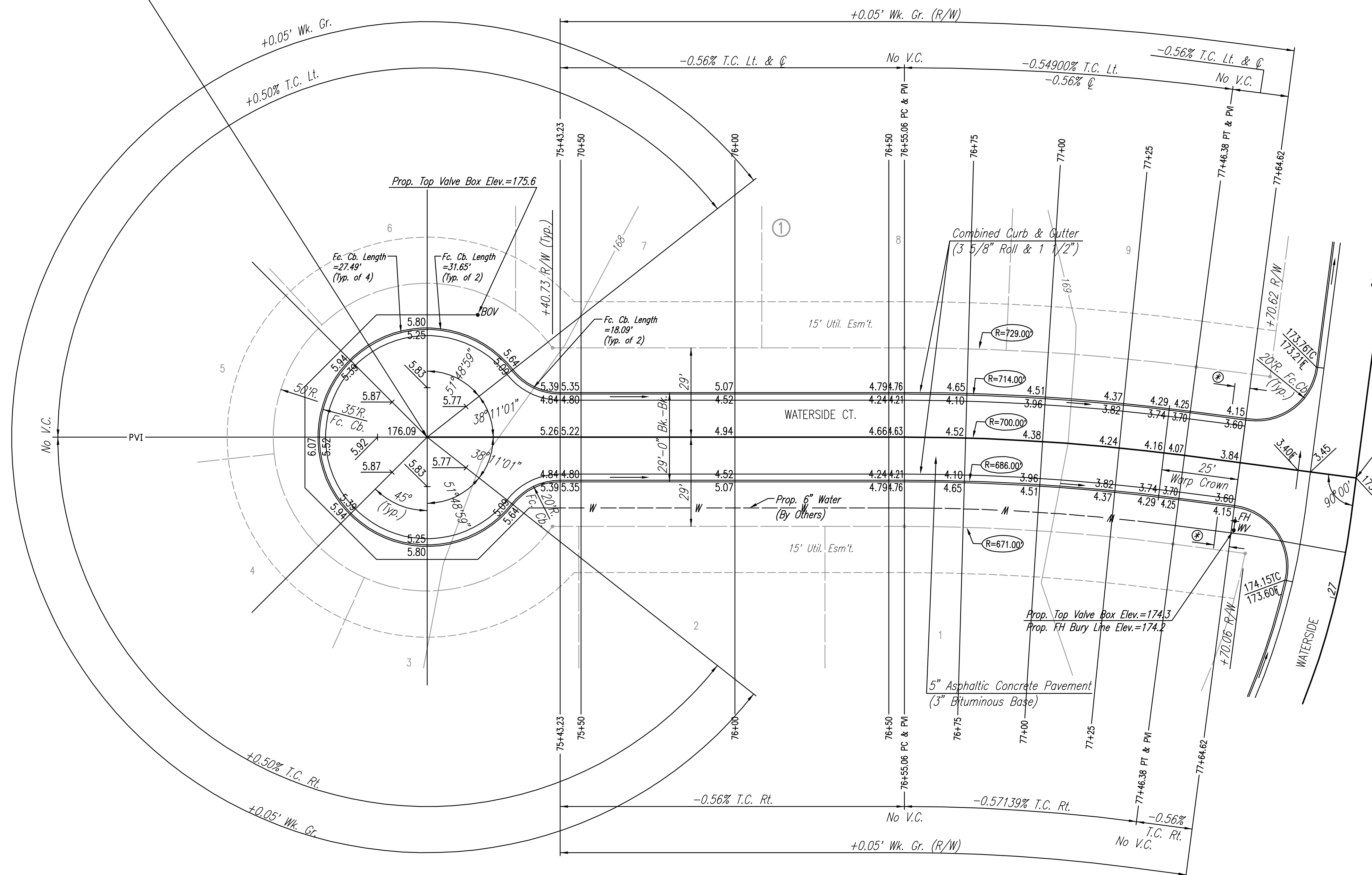


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
WATERSIDE COURT	75+16.46	39.73' Lt.	175.6
WATERSIDE COURT	77+65.41	22.0' Rt.	174.3

Sta. 75+00.00 @ Waterside Ct. =  
Ctr. of Cul-de-sac



Sta. 78+02.62 @ Waterside Ct. =  
Sta. 26+60.32 @ Waterside

**@ CURVE DATA**

A=7°28'30"R    D=8° 11' 6.4"    R=700.00'    L=91.32'    T=45.73'    E=1.49'

CURVE DATA BASED ON @ radius Δ/2= 3° 44' 15"

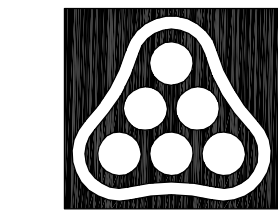
@ STATION	@ ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	@ TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
76+55.06						0°00'00.0"	0°00'00.0"
76+75.00	19.94'	20.34'	19.54'	20.15'	18.93'	00°48'57.8"	00°48'57.8"
77+00.00	25.00'	25.50'	24.50'	25.27'	23.73'	01°01'23.3"	01°50'21.1"
77+25.00	25.00'	25.50'	24.50'	25.27'	23.73'	01°01'23.3"	02°51'44.4"
77+46.38	21.38'	21.81'	20.96'	21.61'	20.30'	00°52'30.0"	03°44'15.0"
TOTAL	91.32'	93.15'	89.5'				

Defl./ft. = 2.455533 min.

⊕ 5" TRANSITION FROM COMBINED CURB AND GUTTER (3 5/8" ROLL & 1 1/2") TO COMBINED CURB AND GUTTER (6 5/8" & 1 1/2"). TO BE BID AND PAID FOR AS "COMBINED CURB AND GUTTER (3 5/8" ROLL & 1 1/2)".

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

DSNR: BDB OPER: BJS SCALE: 1"=20.00  
 Q: 2004\04171\000\STR75-78 08-11-2004 02:42:37 pm



No.	Revision	By	Date

PRAIRIE POINTE-PHASE 1

**WATERSIDE COURT**

STA. 75+00.00 TO STA. 78+02.62  
 JAMES L. ARMOUR, P.E.-ACTING CITY ENGINEER  
 CITY OF WICHITA PROJECT NO. 472-84023

**Professional Engineering Consultants, P.A.**  
 303 S. TOPEKA • WICHITA, KANSAS 67202  
 316-262-2691 • FAX 316-262-3003

Designed by	BDB, BLB	Job No.	35-04171-000
Drawn by	BJS	Date	May 2002

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