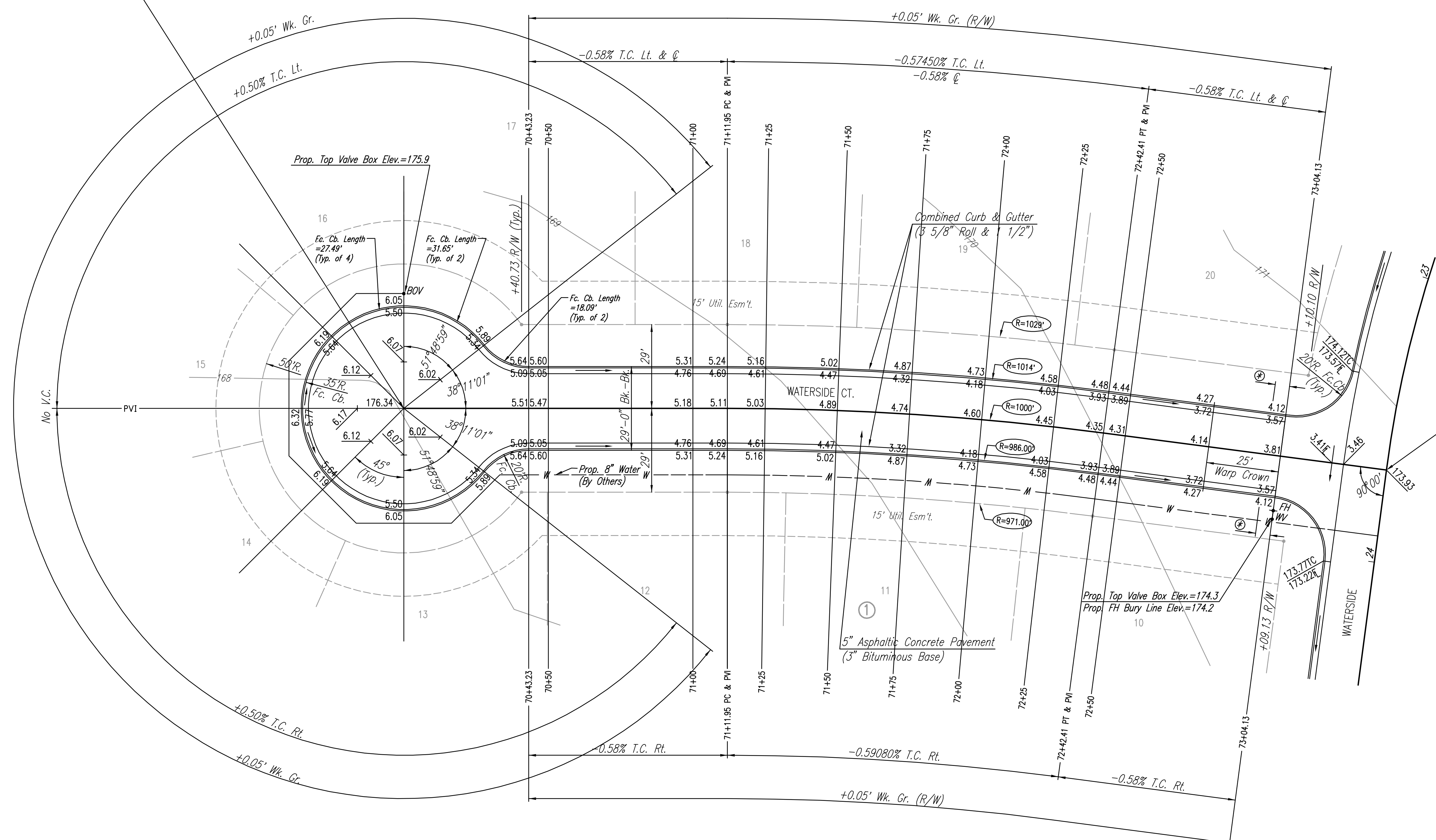


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
WATERSIDE COURT	70+00.00	39.73' Lt.	175.9
WATERSIDE COURT	73+09.13	22.0' Rt.	174.3



Sta. 70+00.00 @ Waterside Ct. =
Ctr. of Cul-de-sac



Sta. 73+41.13 @ Waterside Ct. =
Sta. 23+67.91 @ Waterside

@ CURVE DATA

A=7°28'30" R D=5°43'46.5" R=1000.00' L=130.46' T=65.32' E=2.13'

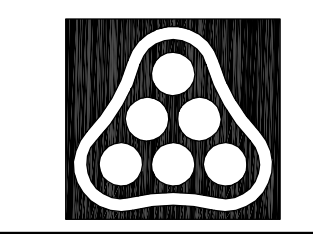
CURVE DATA BASED ON @ radius Δ/2= 3°44'15"

@ 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		
71+11.95						0°00'00.0"	0°00'00.0"
71+25.00	13.05'	13.23'	12.87'	13.15'	12.58'	00°22'25.9"	00°22'25.9"
71+50.00	25.00'	25.35'	24.65'	25.19'	24.11'	00°42'58.3"	01°05'24.2"
71+75.00	25.00'	25.35'	24.65'	25.19'	24.11'	00°42'58.3"	01°48'22.5"
72+00.00	25.00'	25.35'	24.65'	25.19'	24.11'	00°42'58.3"	02°31'20.8"
72+25.00	25.00'	25.35'	24.65'	25.19'	24.11'	00°42'58.3"	03°14'19.1"
72+42.41	17.41'	17.66'	17.17'	17.55'	16.79'	00°29'55.5"	03°44'15.0"
TOTAL	130.46'	132.29'	128.64'				Defl./ft. = 1.718873 min.

④ 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\STR\0-74 08-11-2004 02:41:40 pm



No.	Revision	By	Date
	PRAIRIE POINT- PHASE 1		
WATERSIDE COURT			
STA. 70+00.00 TO STA. 73+41.13			
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
			Sheet 13 of 50