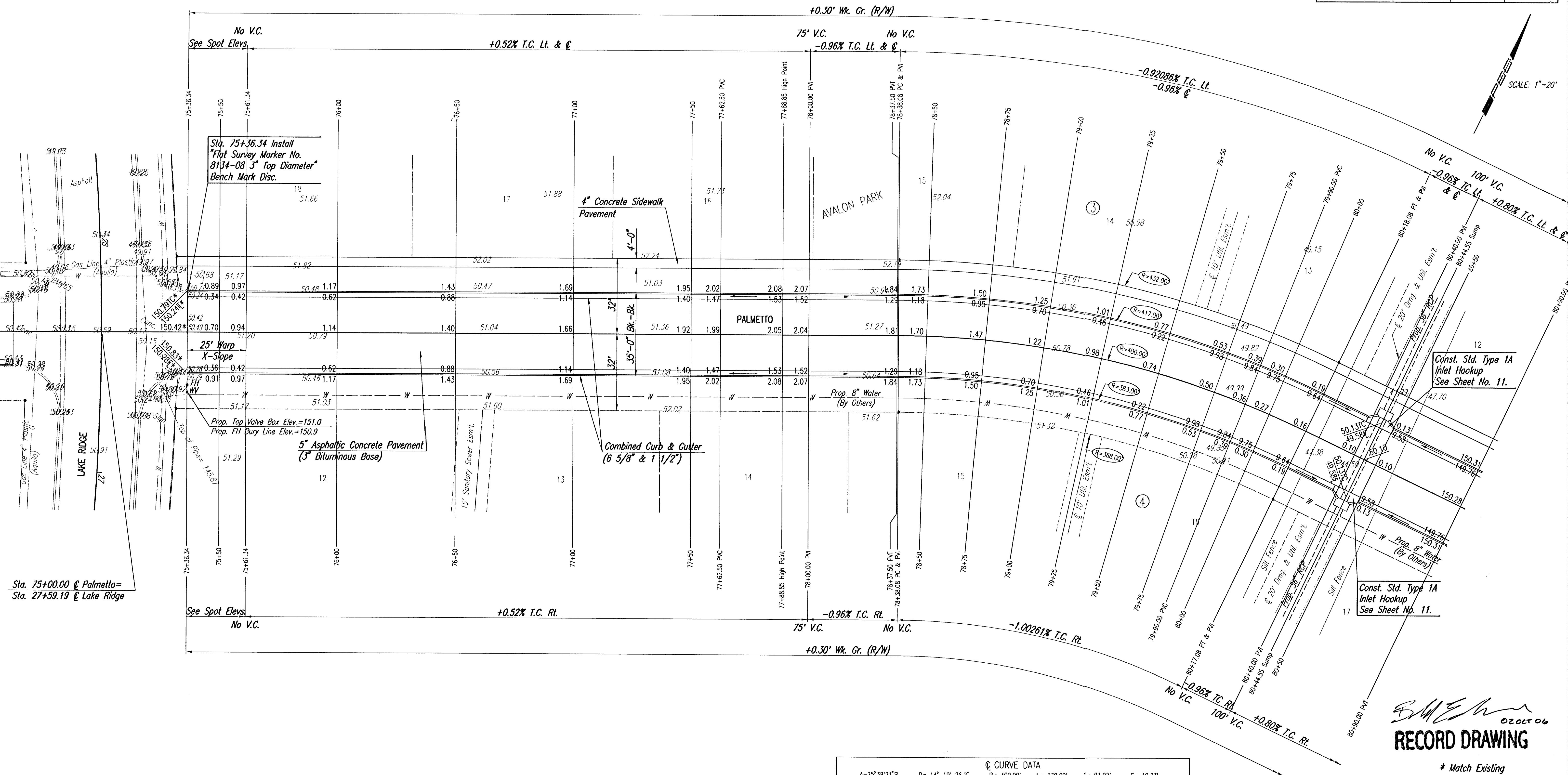


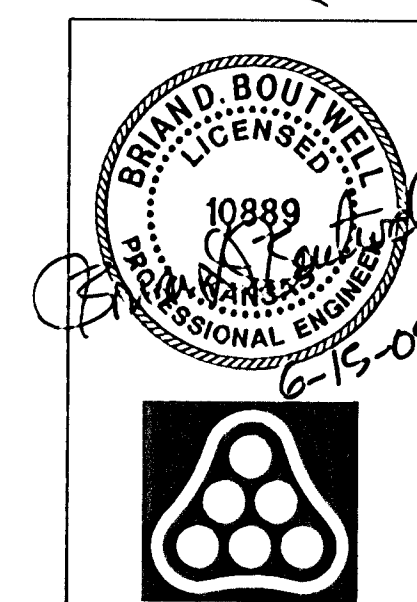
WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
PALMETTO	75+36.34	25.0' RT.	151.0

SCALE: 1"=20'



CURVE DATA						
$\Delta=25^\circ 38' 21''$ $D=14' 19' 26.2''$ $R=400.00'$ $L=179.00'$ $T=91.02'$ $E=10.23'$						
CURVE DATA BASED ON $\Delta/2=12^\circ 49' 10.5''$						
STATION	ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB	
78+38.08						0°00'00.0"
78+50.00	11.92'	12.43'	11.41'	12.66'	11.17'	0°51'13.3"
78+75.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"
79+00.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"
79+25.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"
79+50.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"
79+75.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"
79+90.00	15.00'	15.64'	14.36'	15.94'	14.06'	01°04'27.5"
80+00.00	10.00'	10.42'	9.57'	10.62'	9.37'	00°42'58.3"
80+17.08	17.08'	17.80'	16.35'	18.14'	16.01'	01°13'23.8"
TOTAL	179'	186.6'	171.39'			

Defl./ft. = 4.297184 min.



RECORD DRAWING

* Match Existing

Revision			By	Date
No.	Description	Drawn		
1	AVALON PARK-PHASE 5	BDB, BLB		
PALMETTO STA. 75+00 TO STA. 80+90.00 JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-83839 Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003				
Designed by	BDB, BLB	Job No.	35-05060-000	Sht. 7 of 22
Drawn by	BJS	Date	February 2005	