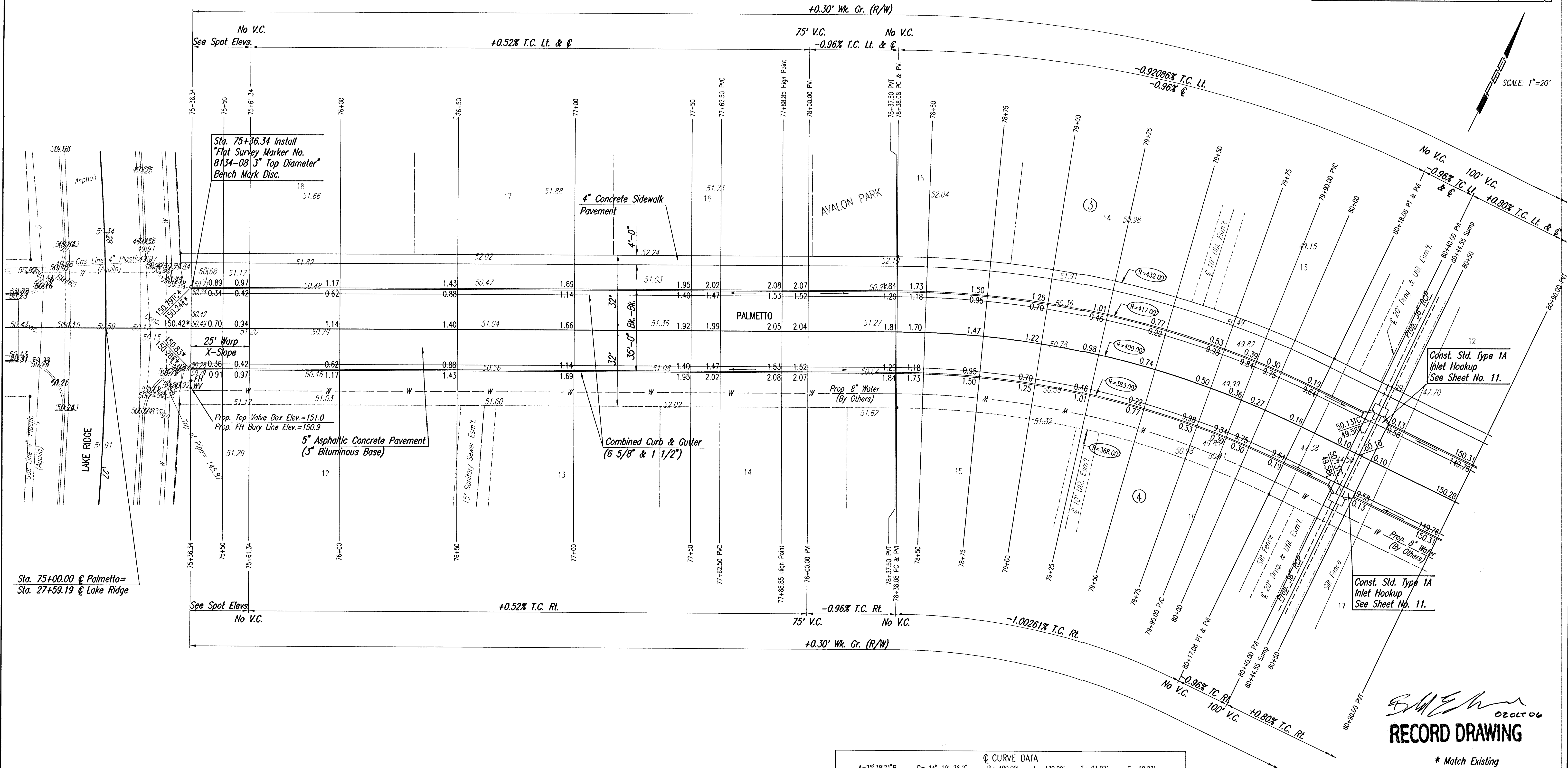


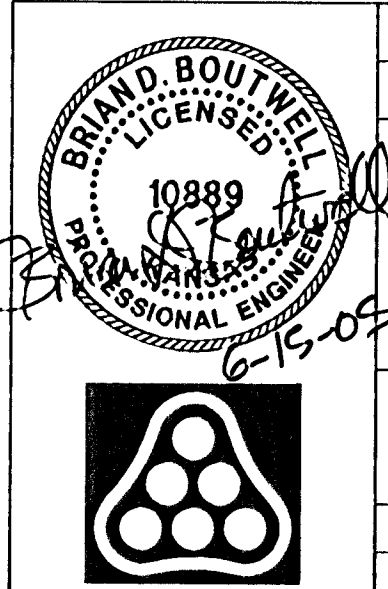
DSNR: BLB OPER: BUS SCALE: 1"=20.00
C:\2005\05060\000\05060-000-C-SIR75-81 06-13-2005 03:17:35 pm

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



CURVE DATA						
Δ=25°38'21"R D=14°19'26.2" R=400.00' L=179.00' T=91.02' E=10.23'						
CURVE DATA BASED ON Δ/2=12°49'10.5"						
STATION	ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		TOTAL DEFLECTION
		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'	0°47'25.8"
79+00.00	25.00'	26.06'	23.94'	26.56'	23.43'	0°47'25.8"
79+25.00	25.00'	26.06'	23.94'	26.56'	23.43'	0°47'25.8"
79+50.00	25.00'	26.06'	23.94'	26.56'	23.43'	0°47'25.8"
79+75.00	25.00'	26.06'	23.94'	26.56'	23.43'	0°47'25.8"
79+90.00	15.00'	15.64'	14.36'	15.94'	14.06'	0°04'27.5"
80+00.00	10.00'	10.42'	9.57'	10.62'	9.37'	0°42'58.3"
80+17.08	17.08'	17.80'	16.35'	18.14'	16.01'	0°13'23.8"
TOTAL	179'	186.6'	171.39'			12°49'10.5"

Def./ft.= 4.297184 min.



Revision			By	Date
AVALON PARK-PHASE 5				
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	