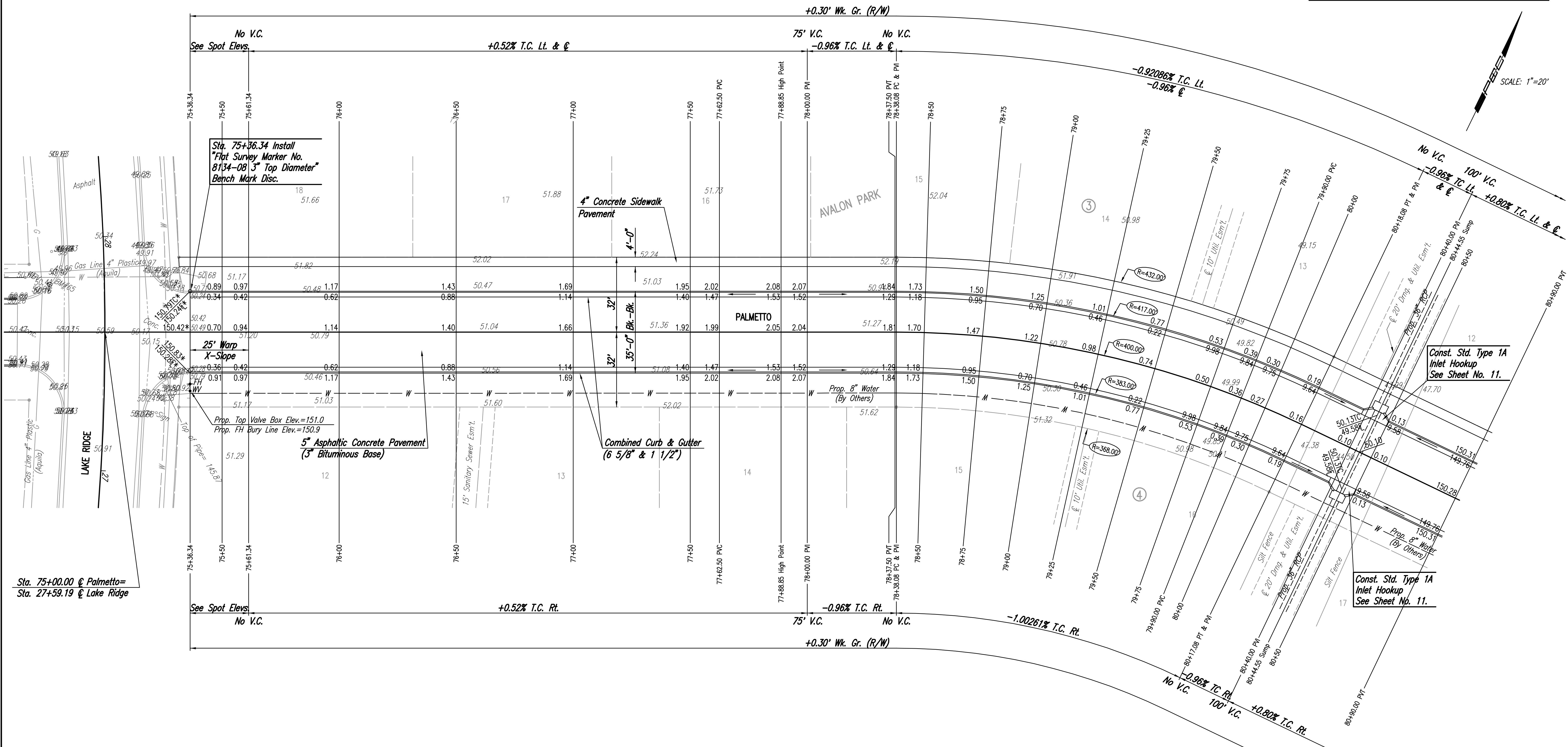


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
PALMETTO	75+36.34	25.0' Rt.	151.0

SCALE: 1"=20'



Sta. 75+36.34 Install
"Flat Survey Marker No.
8134-08 3" Top Diameter"
Bench Mark Disc.

Const. Std. Type 1A
Inlet Hookup
See Sheet No. 11.

Const. Std. Type 1A
Inlet Hookup
See Sheet No. 11.

Sta. 75+00.00 @ Palmetto=
Sta. 27+59.19 @ Lake Ridge

C CURVE DATA

A=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 C radius Δ/2= 12° 49' 10.5"

C STATION	C ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	C TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
78+38.08						0°00'00.0"	0°00'00.0"
78+50.00	11.92'	12.43'	11.41'	12.66'	11.17'	00°51'13.3"	00°51'13.3"
78+75.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	02°38'38.1"
79+00.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	04°26'04.9"
79+25.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	06°13'30.7"
79+50.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	08°00'56.5"
79+75.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	09°48'22.3"
79+90.00	15.00'	15.64'	14.36'	15.94'	14.06'	01°04'27.5"	10°52'49.7"
80+00.00	10.00'	10.42'	9.57'	10.62'	9.37'	00°42'58.3"	11°35'48.0"
80+17.08	17.08'	17.80'	16.35'	18.14'	16.01'	01°13'23.8"	12°49'10.5"
TOTAL	179'	186.6'	171.39'				

Defl./ft. = 4.297184 min.

* Match Existing

No.	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. 472-63839			
Professional Engineering Consultants, P.A.			
303 S. TOPKA • WICHITA, KANSAS 67202			
316-262-2691 • FAX 316-262-3003			
Designed by	BDB, BLB	Job No.	35-05060-000
Drawn by	BJS	Date	February 2005
			Sht. 7 of 22

DSNR: BLB OPER: BJS SCALE: 1"=20.00
 C:\2005\05060\000\05060-000-C-S1R75-81 06-13-2005 03:17:35 pm