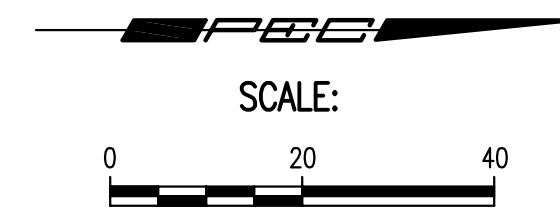
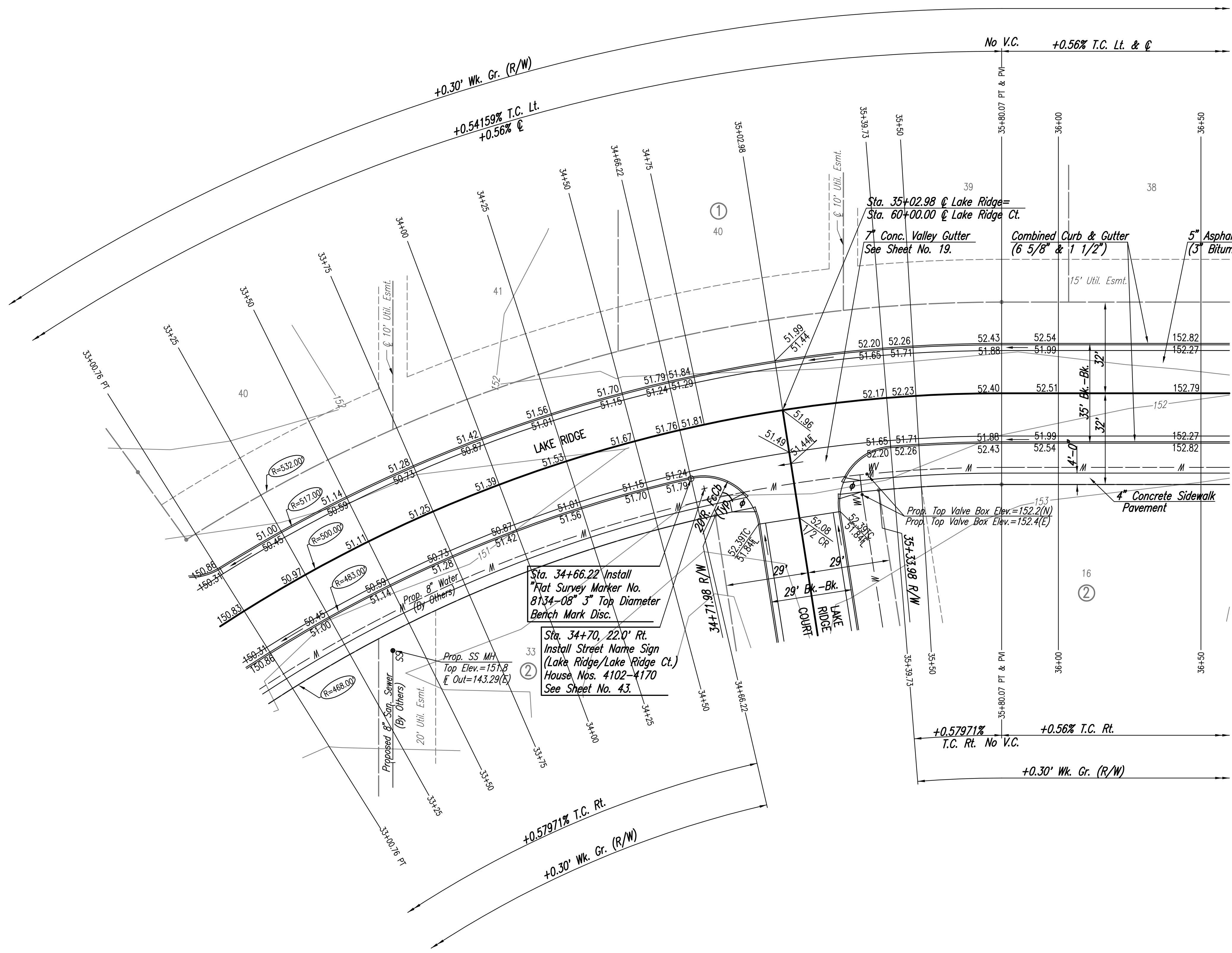


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
LAKE RIDGE	35+27.56	33.0' Rt.	152.4(E)
LAKE RIDGE	35+30.20	26.0' Rt.	152.2(N)



CURVE DATA							
$\Delta = 43^{\circ}58'20''R$ $D = 11^{\circ}27'33''$ $R = 500.00'$ $L = 383.73'$ $T = 201.87'$ $F = 39.21'$ CURVE DATA BASED ON Δ radius $\Delta/2 = 21^{\circ}59'10''$							
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		
31+96.34						0°00'00.0"	0°00'00.0"
32+00.00	3.66'	3.78'	3.54'	3.84'	3.48'	00°12'34.9"	00°12'34.9"
32+25.00	25.00'	25.85'	24.15'	26.25'	23.75'	01°25'56.6"	01°38'31.6"
32+37.40	12.40'	12.82'	11.98'	13.02'	11.78'	00°42'37.7"	02°21'09.2"
32+50.00	12.60'			11.97'		00°43'18.9"	03°04'28.2"
32+69.08	19.08'		18.43'		18.12'	01°05'35.5"	04°30'03.7"
32+75.00	5.92'				5.62'	00°20'21.1"	04°30'24.8"
33+00.00	25.00'		24.15'		23.75'	01°25'56.6"	05°56'21.4"
33+00.76	0.76'		0.73'		0.72'	00°02'36.8"	05°58'58.2"
33+25.00	24.24'	25.06'	23.42'	25.45'	23.03'	01°23'19.9"	07°22'18.1"
33+50.00	25.00'	25.85'	24.15'	26.25'	23.75'	01°25'56.6"	08°48'14.7"
33+75.00	25.00'	25.85'	24.15'	26.25'	23.75'	01°25'56.6"	10°14'11.3"
34+00.00	25.00'	25.85'	24.15'	26.25'	23.75'	01°25'56.6"	11°40'07.9"
34+25.00	25.00'	25.85'	24.15'	26.25'	23.75'	01°25'56.6"	13°06'04.6"
34+50.00	25.00'	25.85'	24.15'	26.25'	23.75'	01°25'56.6"	14°32'01.2"
34+66.22	16.22'	16.77'	15.67'	17.03'	15.41'	00°55'45.6"	15°27'46.8"
34+75.00	8.78'	9.08'		9.22'		00°30'11.0"	15°57'57.8"
35+00.00	25.00'	25.85'		26.25'		01°25'56.6"	17°23'54.4"
35+02.98	2.98'	3.08'		3.13'		00°10'14.7"	17°34'09.1"
35+25.00	22.02'	22.77'		23.12'		01°15'42.0"	18°49'51.0"
35+39.73	14.73'	15.23'		15.47'		00°50'38.3"	19°40'29.3"
35+50.00	10.27'	10.62'	9.92'	10.78'	9.76'	00°35'18.3"	20°15'47.7"
35+75.00	25.00'	25.85'	24.15'	26.25'	23.75'	01°25'56.6"	21°41'44.3"
35+80.07	5.07'	5.24'	4.90'	5.32'	4.82'	00°17'25.8"	21°59'10.1"
TOTAL	383.73'	331.26'	299.67'			Defl./ft. = 3.437747 min.	



Sta. 34+66.22 Install Flat Survey Marker No. 8134-08 3" Top Diameter Bench Mark Disc.

Sta. 34+70, 22.0' Rt. Install Street Name Sign (Lake Ridge/Lake Ridge Ct.) House Nos. 4102-4170 See Sheet No. 43.

Prop. SS MH Top Elev.=151.8 E Out=143.29(E)

Construct Std. Wheelchair Ramp, See Sheet No. 20.

No.	Revision	By	Date
AVALON PARK 3RD AND 4TH ADDITION-PHASE 1 LAKE RIDGE STA. 33+00 TO STA. 36+50 JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84441			
Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	BMM	Job No.	35-07150-000
Drawn by	BJS, TAT	Date	April 2007
			Sheet 12 of 68

Sowed 09-11-2007 11:28:54 AM by BJB
 Plot Scale 1:20 09-12-2007 7:10:51 AM by BJS
 Q:\2007\07150\000\07150-000-C-STA3300-3650