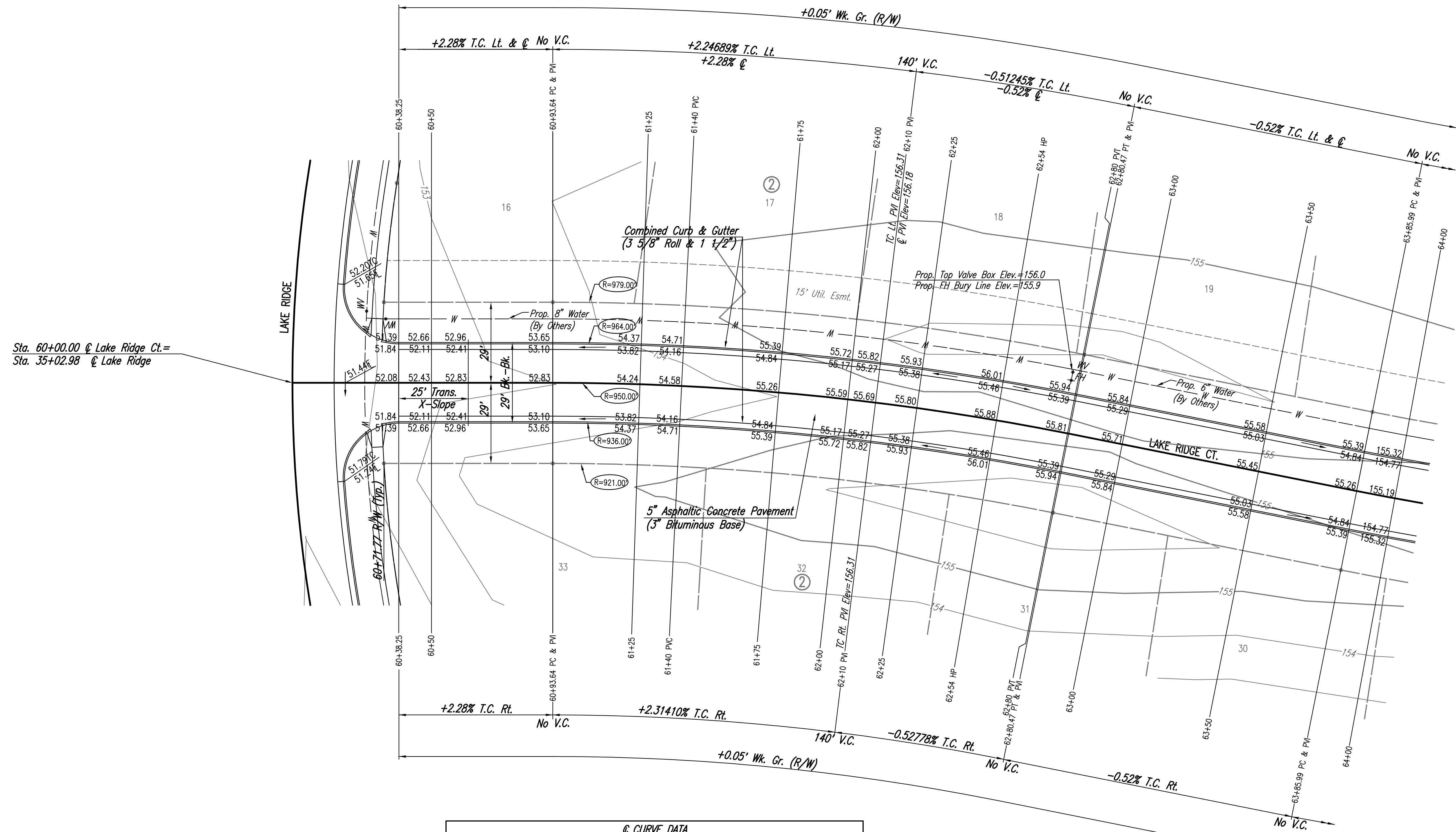
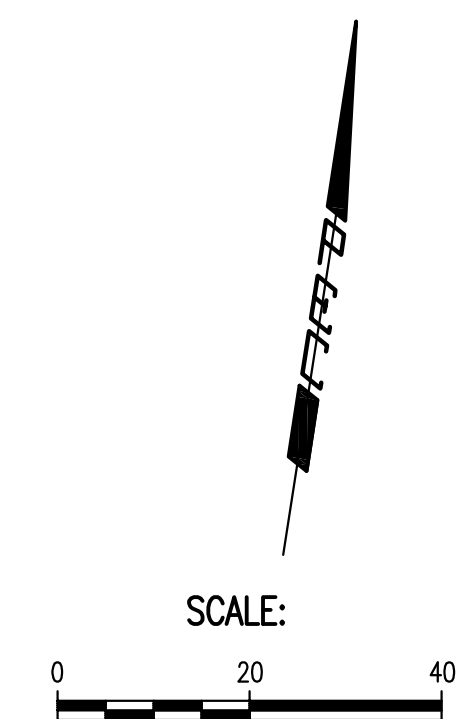


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
LAKE RIDGE CT.	62+77.52	22.0' LL	156.0



Sta. 60+00.00 @ Lake Ridge Ct. =  
Sta. 35+02.98 @ Lake Ridge

**Q CURVE DATA**

A=11°16'5"R    D=6' 1" 52.1"    R=950.00'    L=186.83'    Ts=93.72'    E=4.61'

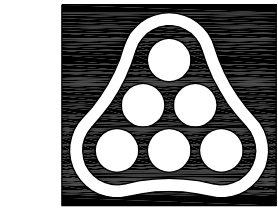
CURVE DATA BASED ON Q radius Δ/2= 5° 38' 2.5"

Q STATION	Q ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	Q TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
60+93.64						0°00'00.0"	0°00'00.0"
61+00.00	6.36'	6.45'	6.27'	6.51'	6.21'	00°11'30.4"	00°11'30.4"
61+25.00	25.00'	25.37'	24.63'	25.58'	24.42'	00°45'14.0"	00°56'44.5"
61+50.00	25.00'	25.37'	24.63'	25.58'	24.42'	00°45'14.0"	01°41'58.5"
61+75.00	25.00'	25.37'	24.63'	25.58'	24.42'	00°45'14.0"	02°27'12.5"
62+00.00	25.00'	25.37'	24.63'	25.58'	24.42'	00°45'14.0"	03°12'26.5"
62+25.00	25.00'	25.37'	24.63'	25.58'	24.42'	00°45'14.0"	03°57'40.5"
62+50.00	25.00'	25.37'	24.63'	25.58'	24.42'	00°45'14.0"	04°42'54.5"
62+75.00	25.00'	25.37'	24.63'	25.58'	24.42'	00°45'14.0"	05°28'08.5"
62+80.47	5.47'	5.55'	5.39'	5.60'	5.34'	00°09'53.8"	05°38'02.5"
<b>TOTAL</b>	<b>186.83'</b>	<b>189.58'</b>	<b>184.08'</b>				

Defl./Rt. = 1.80934 min.

NOTE: THIS STREET TO BE CONSTRUCTED WITH ROLL-TYPE CURB. TOP OF CURB ELEVATIONS GIVEN ARE FOR FULL HEIGHT CURB.

S:\09-11-2007 11:45:42 AM by BJS  
 Plot Scale 1:20 09-12-2007 7:16:22 AM by BJS  
 Q:\2007\07150\000\07150-000-C-5174600-6400



No.	Revision	By	Date
AVALON PARK 3RD AND 4TH ADDITION-PHASE 1 <b>LAKE RIDGE CT.</b> STA. 60+00 TO STA. 64+00 JAMES L. ARMOUR, P.E.- CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84441			
<b>Professional Engineering Consultants, P.A.</b> 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 15 of 68