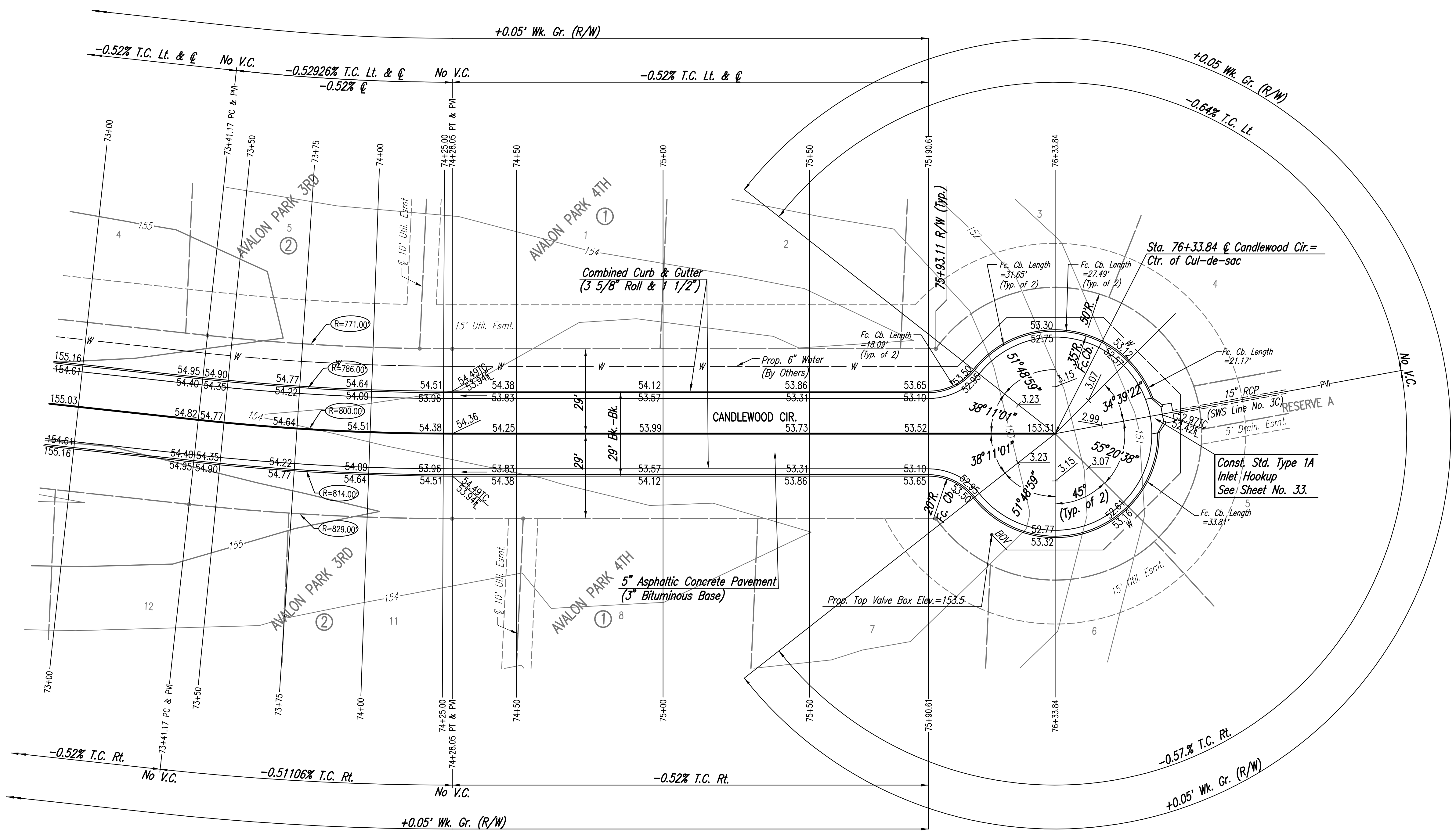
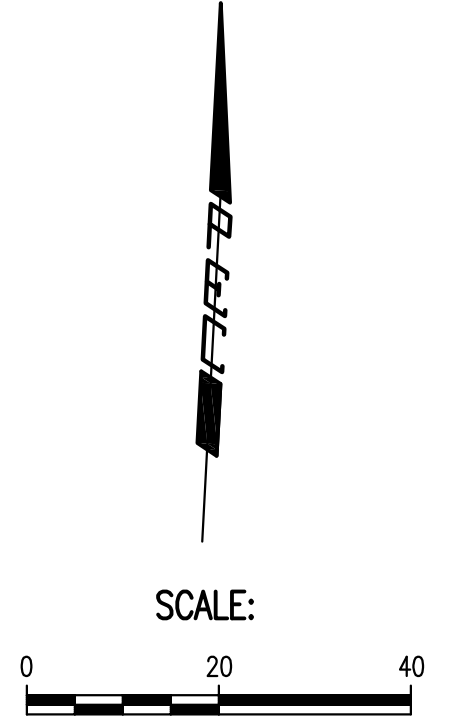


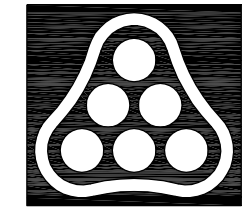
WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
CANDLEWOOD CIR.	76+12.18	34.53' Rt.	153.5



@ CURVE DATA							
$\Delta = 20^\circ 55' 22.2''$ $D = 7^\circ 9' 43.1''$ $R = 800.00'$ $L = 292.14'$ $T = 147.71'$ $E = 13.52'$							
CURVE DATA BASED ON @ radius $\Delta/2 = 10^\circ 27' 41''$							
@ 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		
73+41.17						0°00'00.0"	0°00'00.0"
73+50.00	8.83'	8.68'	8.98'	8.59'	9.07'	0°18'58.3"	0°18'58.3"
73+75.00	25.00'	24.56'	25.44'	24.31'	25.69'	0°53'42.9"	0°11'24.2"
74+00.00	25.00'	24.56'	25.44'	24.31'	25.69'	0°53'42.9"	0°20'07.1"
74+25.00	25.00'	24.56'	25.44'	24.31'	25.69'	0°53'42.9"	0°28'50.0"
74+50.00	25.00'	24.56'	25.44'	24.31'	25.69'	0°53'42.9"	0°37'32.8"
74+75.00	25.00'	24.56'	25.44'	24.31'	25.69'	0°53'42.9"	0°46'15.7"
75+00.00	25.00'	24.56'	25.44'	24.31'	25.69'	0°53'42.9"	0°55'02.6"
75+25.00	25.00'	24.56'	25.44'	24.31'	25.69'	0°53'42.9"	0°06'34.5"
75+50.00	25.00'	24.56'	25.44'	24.31'	25.69'	0°53'42.9"	0°15'21.4"
75+75.00	25.00'	24.56'	25.44'	24.31'	25.69'	0°53'42.9"	0°24'08.3"
76+00.00	25.00'	24.56'	25.44'	24.31'	25.69'	0°53'42.9"	0°32'55.2"
76+25.00	25.00'	24.56'	25.44'	24.31'	25.69'	0°53'42.9"	0°41'42.1"
76+33.31	8.31'	8.16'	8.45'	8.08'	8.54'	0°17'51.3"	10°09'50.1"
TOTAL	292.14'	287.02'	297.25'				

Defl./ft. = 2.148592 min.

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



No.	Revision	By	Date
AVALON PARK 3RD AND 4TH ADDITION-PHASE 1 CANDLEWOOD CIR. STA. 73+00 TO STA. 76+34 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 18 of 68

Served 09-11-2007 11:51:48 AM by RDB
 Plot Scale 1:20 09-12-2007 7:23:11 AM by BJS
 Q:\2007\07150\000\07150-000-C-51A7300-7634