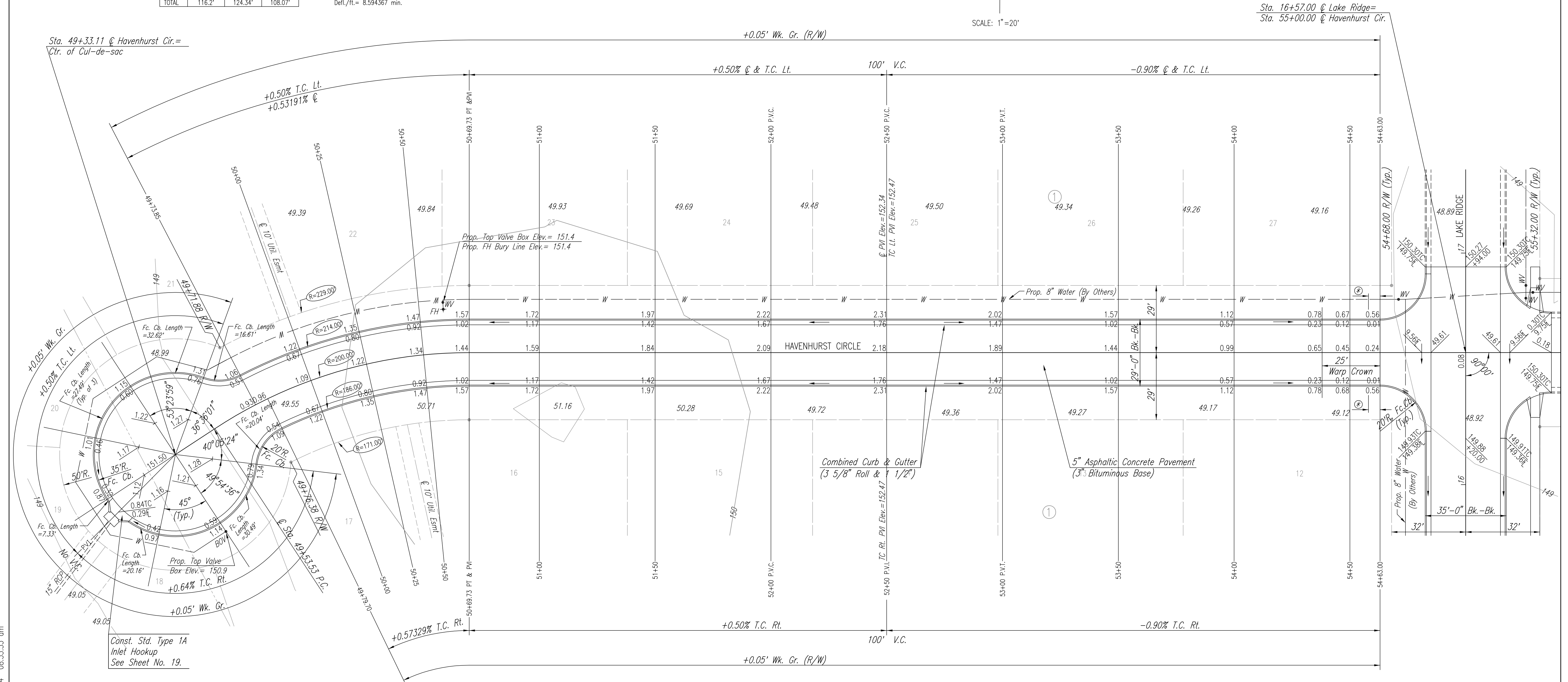


CURVE DATA							
A=33°17'23"R D=28°38'52.4" R=200.00' L=116.2' T=59.79' E=8.75'							
CURVE DATA BASED ON @ radius Δ/2= 16°38'41.5"							
STATION	ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	∑ TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	B' OFF LEFT FACE CURB	B' OFF RIGHT FACE CURB		
49+53.53						0°00'00.0"	0°00'00.0"
49+73.85	20.32'	21.74'	18.90'	20.97'	16.81'	02°54'38.3"	02°54'38.3"
49+75.00	1.15'	1.23'	1.07'	1.19'	0.95'	00°09'53.0"	03°04'31.3"
49+79.70	4.70'	5.03'	4.37'	4.85'	3.89'	00°40'23.6"	03°44'54.9"
50+00.00	20.30'	21.72'	18.88'	20.95'	16.80'	02°54'27.9"	06°39'22.8"
50+25.00	25.00'	26.75'	23.25'	25.79'	20.68'	03°34'51.6"	10°14'14.4"
50+50.00	25.00'	26.75'	23.25'	25.79'	20.68'	03°34'51.6"	13°49'6"
50+69.73	19.73'	21.11'	18.35'	20.36'	16.33'	02°49'34.0"	16°38'41.5"
TOTAL	116.2'	124.34'	108.07'				

Defl./ft. = 8.594367 min.

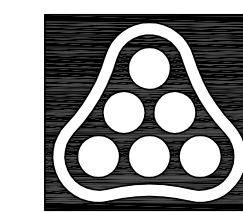
WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
HAVENHURST CIRCLE	49+33.11	39.73' RT.	150.9



② 5' TRANSITION FROM COMBINED CURB AND GUTTER (3 5/8" ROLL & 1 1/2") TO COMBINED CURB AND GUTTER (6 5/8" & 1 1/2"). TO BE BID AND PAID FOR AS "COMBINED CURB AND GUTTER (3 5/8" ROLL & 1 1/2)".

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

DSNR: BOB OPER: BJS SCALE: 1"=20.00 Q:\2003\03345\000\STR49-55 02-10-2004 08:33:53 am



No.	Revision	By	Date
AVALON PARK-PHASE 1			
HAVENHURST CIRCLE			
STA. 49+33.11 TO STA. 55+00			
JAMES L. ARMOUR, P.E.-ACTING CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-83835			
Professional Engineering Consultants, P.A.			
303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	BDB	Job No.	35-03345
Drawn by	BJS	Date	JUNE 2002
			Sht. 9 of 43