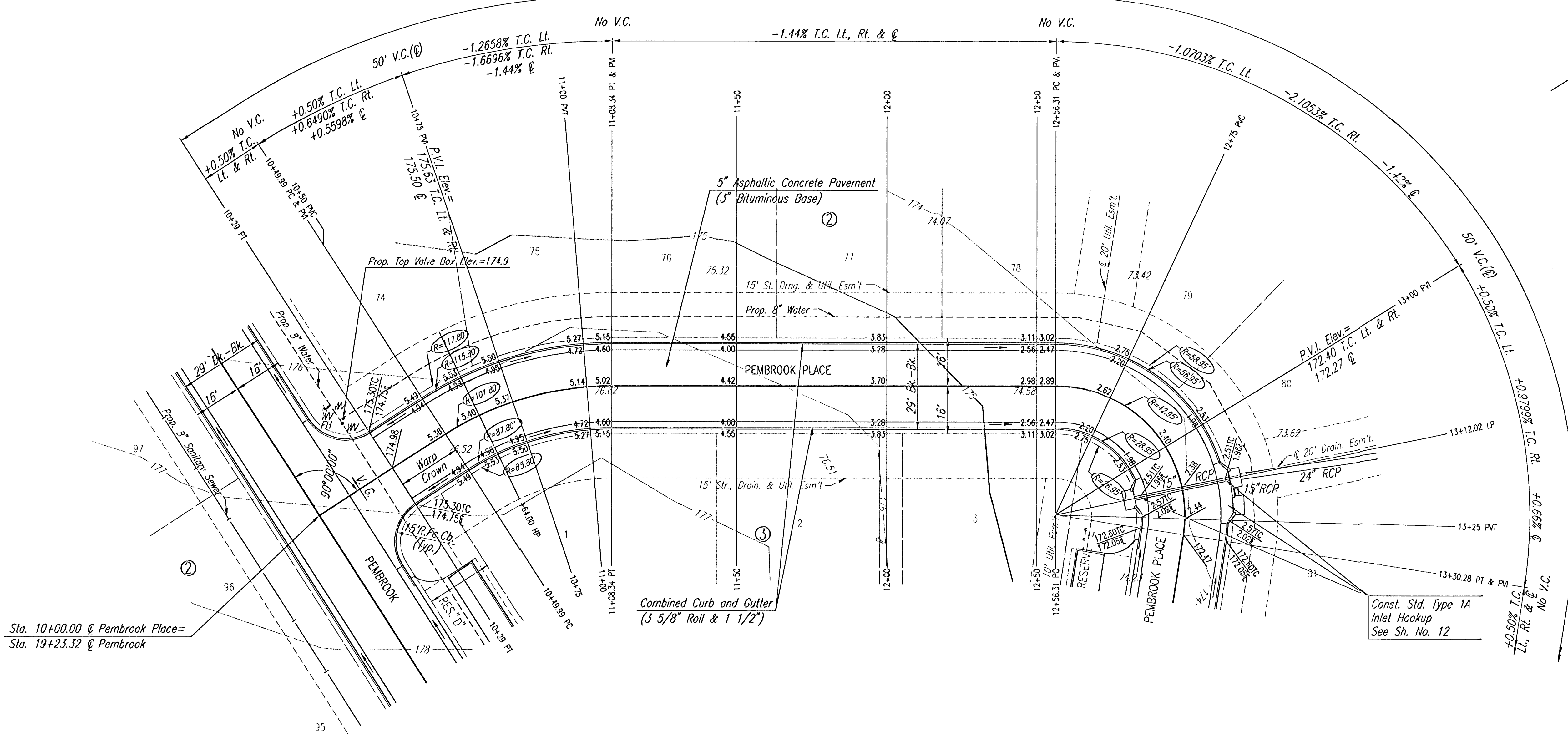
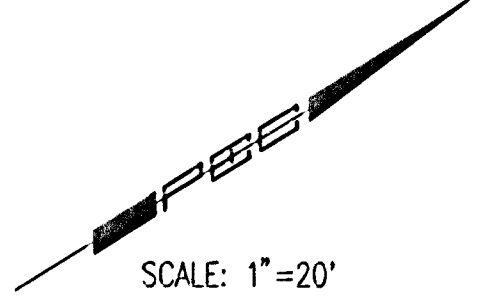


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
EDGEWOOD DRIVE	10+24.30	23.0' LI.	174.9

PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-83382	4	33

See Four Corner Grading Plan



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

C CURVE DATA							
$\Delta=32^{\circ}50'24''$		$D=56^{\circ}16'58''$		$R=101.80'$	$L=58.35'$	$T=30.00'$	$E=4.33'$
CURVE DATA BASED ON C RADIUS							$\Delta/2=16^{\circ}25'12''$
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		
10+49.99	—					0°00'00"	0°00'00"
10+64	14.01'	15.94'	12.08'	17.02'	10.97'	3°56'33"	3°56'33"
10+75	10.00'	12.51'	9.49'	13.37'	8.62'	3°05'44"	7°02'11"
11+00	25.00'	28.44'	21.56'	30.33'	19.55'	2°20'49"	14°04'23"
11+08.34	8.34'	9.48'	7.19'	10.15'	6.54'	2°20'49"	16°25'12"
TOTAL	58.35'	66.37'	50.32'	Defl./ft.=9.677800 min.			

CURVE DATA						
$\Delta=98^{\circ}40'20''$		$D=133^{\circ}24'04''$		$R=42.95'$	$L=73.97'$	$T=50.00'$
					$E=22.96'$	
CURVE DATA BASED ON $\Delta/2=49^{\circ}20'10''$						
Δ STATION	Δ ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB	
12+56.31						$0^{\circ}00'00''$
12+75	18.69'	24.78'	12.60'	28.04'	9.04'	$12^{\circ}27'57''$
13+00	25.00'	33.15'	16.85'	37.27'	12.02'	$16^{\circ}40'28''$
13+12.02	12.02'	15.94'	8.10'	18.12'	5.84'	$08^{\circ}01'01''$
13+25	12.98'	17.21'	8.75'	19.55'	6.31'	$08^{\circ}39'26''$
13+30.28	5.28'	7.00'	3.56'	7.98'	2.57'	$03^{\circ}31'18''$
TOTAL	73.97'	98.08'	49.86'	Defl./ft.=40.018476 min.		$49^{\circ}20'10''$

THE COURTS II

PEMBROOK PLACE
STA. 10+00.00 TO STA. 13+30.28

Professional Engineering Consultants, P.A.
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316-262-2691 • FAX 316-262-3003

Designed by	BER	Checked by	
Drawn by	DEP	Date	JULY, 2001
		Job No.	01256

DSNR: GDD OPER: DEP SCALE: 1"=20.00
Q:\2001\01256\0001\STR10-13 08-29-2001 02:47:39 pm