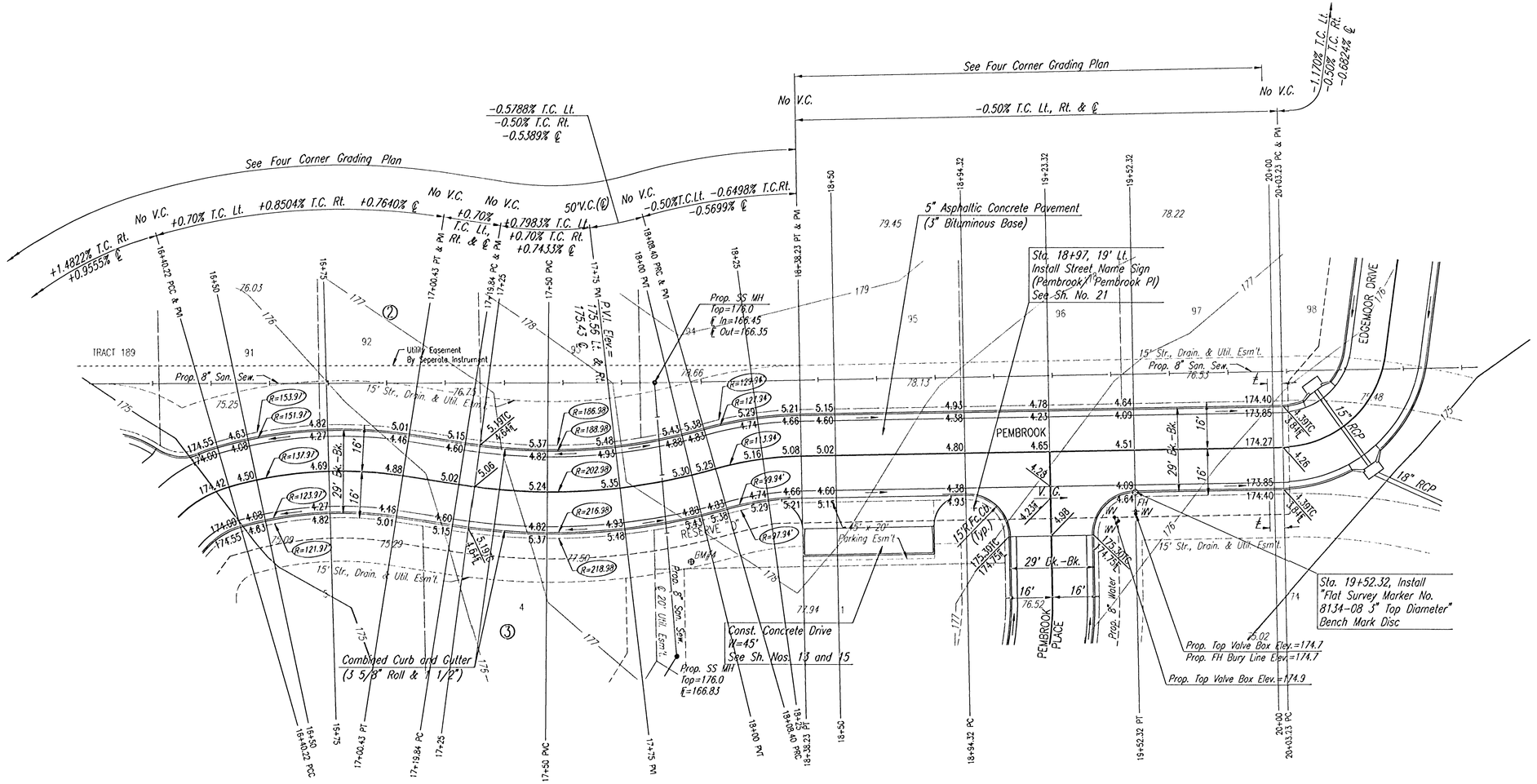
WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
PEMBROOK CIRCLE	19+44.99	23.0'Rt.	174.9
PEMBROOK CIRCLE	19+52.32	22.0'Rt.	174.7

PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-83382	6	33



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

≠ 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")".

℄ CURVE DATA
Δ=25°00'00" D=41°31'40" R=137.97' L=60.21' T=30.59' E=3.35'
CURVE DATA BASED ON ℄ RADIUS Δ/2=12° 30'00"

℄ 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		
16+40.22	———	———	———	———	———	0°00'00"	0°00'00"
16+50	9.78'	10.77'	8.78'	11.33'	8.22'	2°01'49"	2°01'49"
16+75	25.00'	27.53'	22.46'	28.94'	20.98'	5°11'25"	7°13'14"
17+00.43	25.43'	28.01'	22.85'	29.44'	21.34'	5°16'46"	12°30'00"
TOTAL	60.21'	66.31'	54.09'	Defl./ft.=5.435964 min.			

℄ CURVE DATA
Δ=25°00'00" D=28°13'38" R=202.98' L=88.56' T=45.00' E=4.93'
CURVE DATA BASED ON ℄ RADIUS Δ/2=12° 30'00"

℄ 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		
17+19.84	———	———	———	———	———	0°00'00"	0°00'00"
17+25	5.16'	4.80'	5.53'	4.60'	5.72'	0°43'42"	0°43'42"
17+50	25.00'	23.28'	26.72'	22.28'	27.69'	3°31'43"	4°15'25"
17+75	25.00'	23.28'	26.72'	22.28'	27.69'	3°31'43"	7°47'08"
18+00	25.00'	23.28'	26.72'	22.28'	27.69'	3°31'43"	11°18'52"
18+08.40	8.40'	7.82'	8.99'	7.49'	9.31'	1°11'08"	12°30'00"
TOTAL	88.56'	82.46'	94.68'	Defl./ft.=8.468835 min.			

℄ CURVE DATA
Δ=15°00'00" D=50°17'09" R=113.94' L=29.83' T=15.00' E=0.98'
CURVE DATA BASED ON ℄ RADIUS Δ/2=7° 30'00"

℄ 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		
18+08.40	———	———	———	———	———	0°00'00"	0°00'00"
18+25	16.60'	18.64'	14.56'	19.79'	13.38'	4°10'25"	4°10'25"
18+38.23	13.23'	14.85'	11.60'	15.78'	10.67'	3°19'35"	7°30'00"
TOTAL	29.83'	33.49'	26.16'	Defl./ft.=15.085484 min.			

THE COURTS II

PEMBROOK
STA. 16+40.22 TO STA. 20+03.23

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
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
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