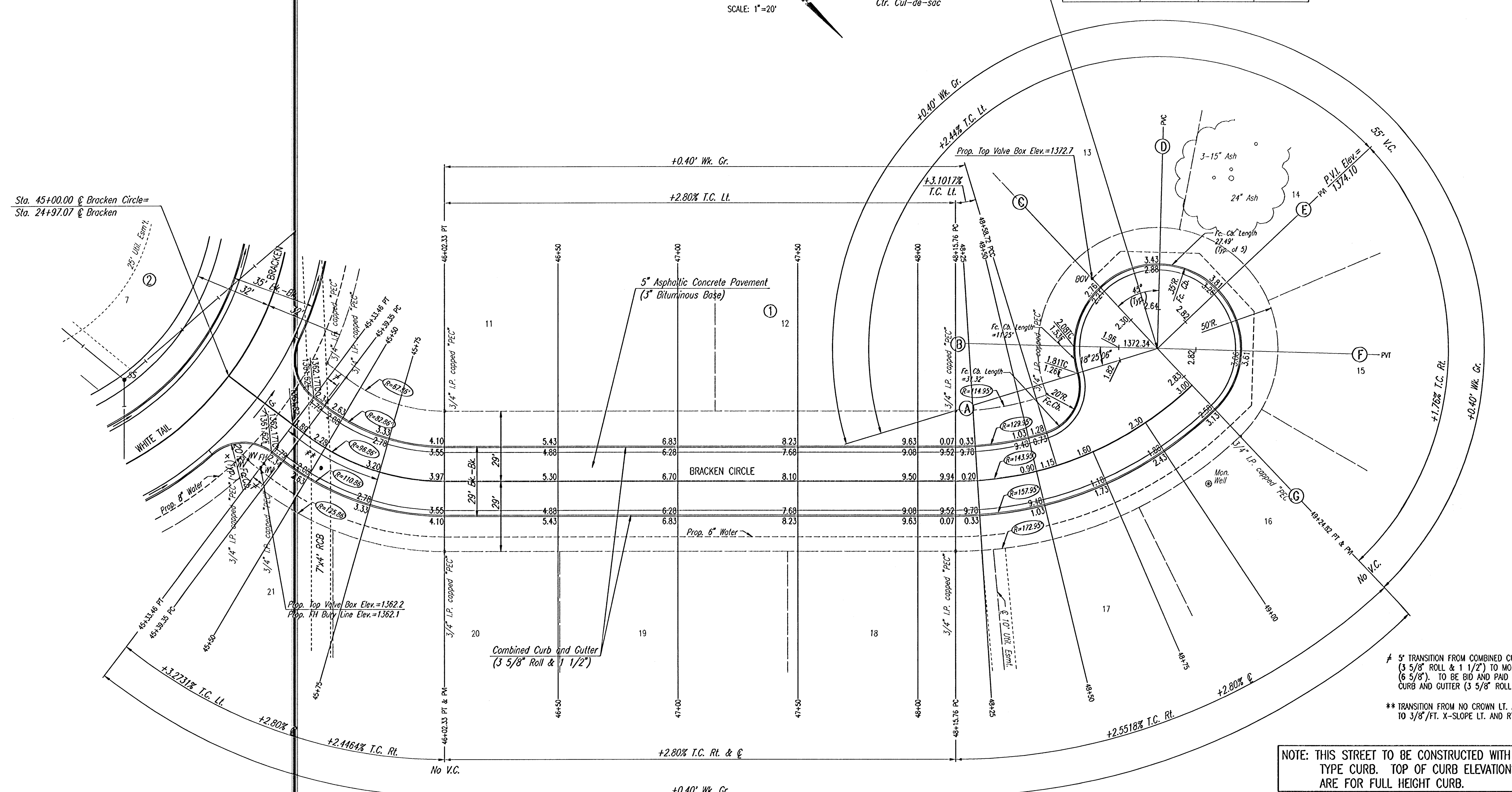
PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-83468	12	55

WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
BRACKEN CIRCLE	45+33.46	22.0'Rt.	1362.2
BRACKEN CIRCLE	49+24.83	60.75'Lt.	1372.7



℄ CURVE DATA								
Δ=37°15'10" D=59°09'11" R=96.86' L=62.98' T=32.65' E=5.35'								
CURVE DATA BASED ON ℄ RADIUS Δ/2=18°37'35"								
℄ STATION	℄ ARC LENGTH	FACE CURB LENGTH LEFT CURB	FACE CURB LENGTH RIGHT CURB	CHORD LENGTH 8'OFF LEFT FACE CURB	CHORD LENGTH 8'OFF RIGHT FACE CURB	DEFLECTION ANGLE	℄ TOTAL DEFLECTION
45+39.35	——	——	——	——	——	0°00'00"	0°00'00"
45+50	10.65'	9.31'	12.19'	8.23'	13.06'	3°09'00"	3°09'00"
45+75	25.00'	21.84'	28.61'	19.27'	30.59'	7°23'39"	10°32'39"
46+00	25.00'	21.84'	28.61'	19.27'	30.59'	7°23'39"	17°56'18"
46+02.33	2.33'	2.03'	2.66'	1.80'	2.86'	0°41'17"	18°37'35"
TOTAL	62.98'	55.02'	72.08'	Defl./ft.=17.444218 min.			

℄ CURVE DATA							
Δ=43°24'35" D=39°48'09" R=143.95' L=109.06' T=57.30' E=10.98'							
CURVE DATA BASED ON ℄ RADIUS Δ/2=21°42'17.5"							
℄ STATION	℄ ARC LENGTH	FACE CURB LENGTH LEFT CURB	FACE CURB LENGTH RIGHT CURB	CHORD LENGTH 8'OFF LEFT FACE CURB	CHORD LENGTH 8'OFF RIGHT FACE CURB	DEFLECTION ANGLE	℄ TOTAL DEFLECTION
48+15.76	——	——	——	——	——	0°00'00"	0°00'00"
48+25	9.24'	8.42'	10.14'	7.83'	10.65'	1°50'20"	1°50'20"
48+50	25.00'	22.78'	27.43'	21.15'	28.78'	4°58'31"	6°48'51"
48+58.72	8.72'	7.95'	9.57'	7.39'	10.05'	1°44'07"	8°32'58"
48+75	16.28'	14.84'	17.86'	13.78'	18.76'	3°14'24"	11°47'22"
49+00	25.00'	22.78'	27.43'	21.15'	28.78'	4°58'31"	16°45'53"
49+24.82	24.82'	22.62'	27.24'	21.00'	28.58'	4°56'24"	21°42'17.5"
TOTAL	109.06'	99.40'	119.67'	Defl./ft.=11.562780 min.			

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

** TRANSITION FROM NO CROWN LT. AND RT. TO 3/8"/FT. X-SLOPE LT. AND RT.

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

BALTHROP 4TH ADDITION

BRACKEN CIRCLE

STA. 45+00.00 TO STA. 49+24.82

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Designed by	BER	Checked by	
Drawn by	DEP	Date FEB. 2002	Job No. 01545

DSNR: DEP OPER: SAD SCALE: 1=20.00
Q:\2001\01545\000\BRACKENCIR 03-13-2002 04:02:26 pm