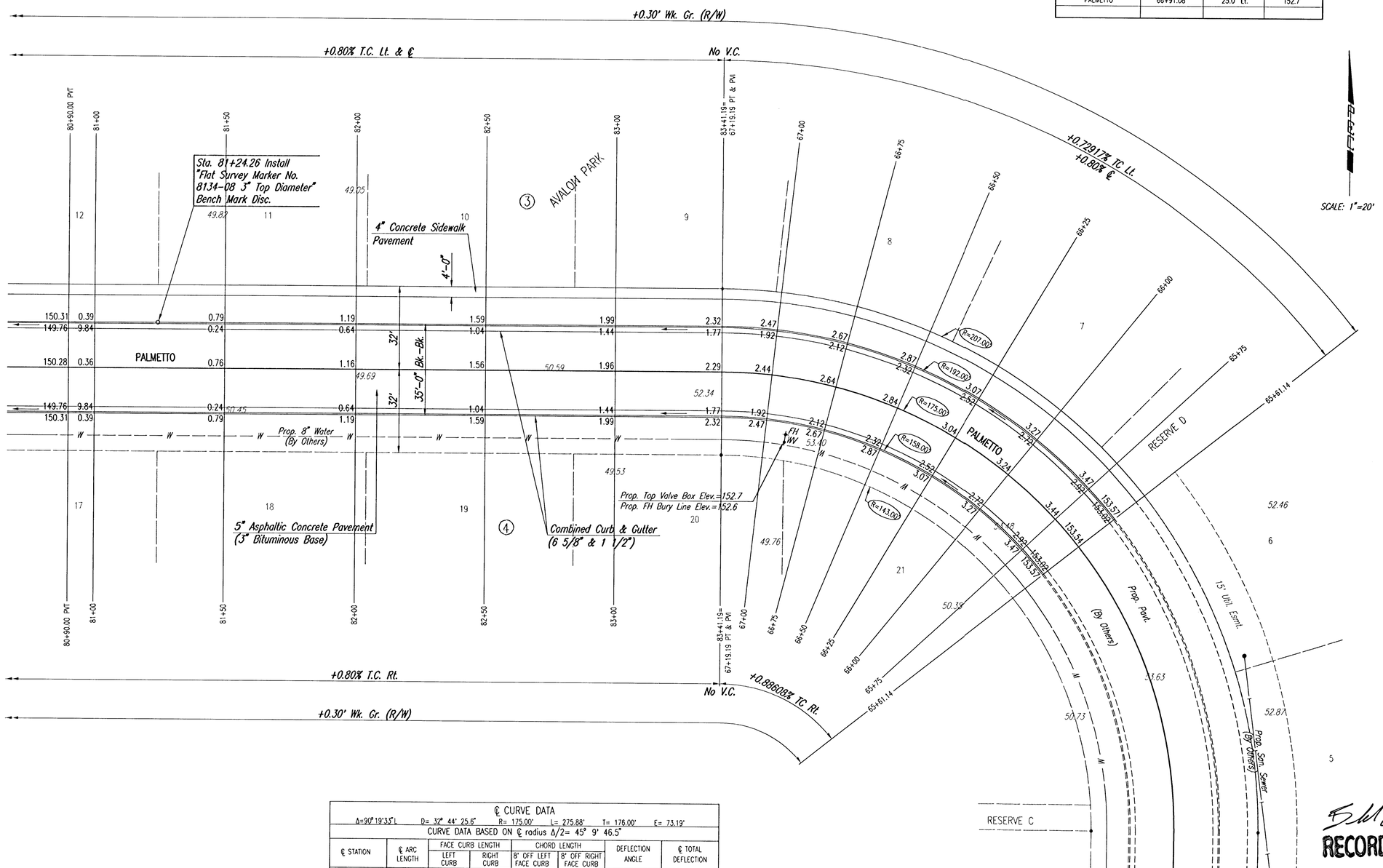
WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
PALMETTO	66+91.08	25.0' Lt.	152.7



℄ CURVE DATA

Δ=90°19'33"L D= 32° 44' 25.6" R= 175.00' L= 275.88' T= 176.00' E= 73.19'

CURVE DATA BASED ON ℄ radius Δ/2= 45° 9' 46.5"

℄ 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		
64+43.31						0°00'00.0"	0°00'00.0"
64+50.00	6.69'	6.04'	7.34'	5.73'	7.65'	01°05'42.6"	01°05'42.6"
64+65.00	15.00'	13.54'	16.46'	12.85'	17.14'	02°27'19.9"	03°33'02.5"
64+75.00	10.00'	9.03'	10.97'	8.57'	11.43'	01°38'13.3"	05°11'15.8"
65+00.00	25.00'	22.57'	27.43'	21.41'	28.55'	04°05'33.2"	09°16'49.0"
65+25.00	25.00'	22.57'	27.43'	21.41'	28.55'	04°05'33.2"	13°22'22.2"
65+50.00	25.00'	22.57'	27.43'	21.41'	28.55'	04°05'33.2"	17°27'55.5"
65+61.14	11.14'	10.06'	12.22'	9.55'	12.73'	01°49'25.1"	19°17'20.6"
65+75.00	13.86'	12.51'	15.21'	11.88'	15.84'	02°16'08.1"	21°33'28.7"
66+00.00	25.00'	22.57'	27.43'	21.41'	28.55'	04°05'33.2"	25°39'01.9"
66+25.00	25.00'	22.57'	27.43'	21.41'	28.55'	04°05'33.2"	29°44'35.1"
66+50.00	25.00'	22.57'	27.43'	21.41'	28.55'	04°05'33.2"	33°50'08.3"
66+75.00	25.00'	22.57'	27.43'	21.41'	28.55'	04°05'33.2"	37°55'41.5"
67+00.00	25.00'	22.57'	27.43'	21.41'	28.55'	04°05'33.2"	42°01'14.7"
67+19.19	19.19'	17.33'	21.06'	16.44'	21.93'	03°08'29.2"	45°09'46.6"
TOTAL	275.88'	249.08'	302.68'			Defl./ft.= 9.822134 min.	

02 OCT 06
RECORD DRAWING

BRIAN D. BOUTWELL LICENSED 10889 PROFESSIONAL ENGINEER
6-15-05

No.	Revision	By	Date

AVALON PARK-PHASE 5

PALMETTO

STA. 80+90.00 TO STA. 83+41.19

JAMES L. ARMOUR, P.E.-CITY ENGINEER
CITY OF WICHITA PROJECT NO. 472-83839

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	BDB, BLB	Job No.	35-05060-000	Sht. 8 of 22
Drawn by	BJS	Date	February 2005	

DSNR: BLB OPER: BJS SCALE: 1=20.00
Q:\2005\05060\000\05060-000-C-STR81-84 06-13-2005 03:34:11 pm