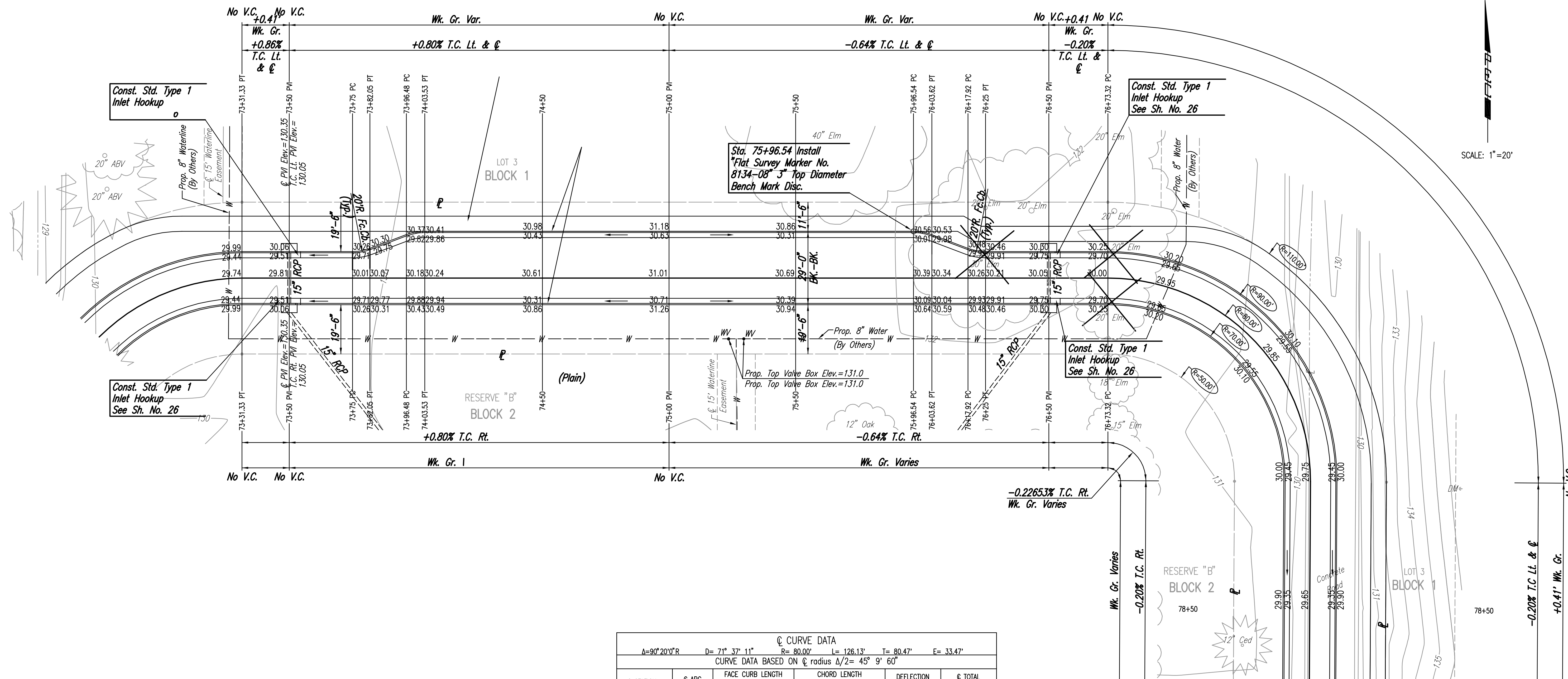


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
JARDINE DRIVE (LOOP)	75+23.53	24' RL	131.0
JARDINE DRIVE (LOOP)	75+29.53	24' RL	131.0



C CURVE DATA
 $A=90^{\circ}20'0''R$ $D=71^{\circ}37'11''$ $R=80.00'$ $L=126.13'$ $T=80.47'$ $E=33.47'$
 CURVE DATA BASED ON C radius $\Delta/2=45^{\circ}9'60''$

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		
76+73.32						0°00'00.0"	0°00'00.0"
76+75.00	1.68'	1.89'	1.47'	2.06'	1.30'	0°36'05.8"	0°36'05.8"
77+00.00	25.00'	28.12'	21.88'	30.50'	19.30'	08°57'08.9"	09°33'14.7"
77+25.00	25.00'	28.12'	21.88'	30.50'	19.30'	08°57'08.9"	18°30'23.6"
77+50.00	25.00'	28.12'	21.88'	30.50'	19.30'	08°57'08.9"	27°27'32.5"
77+75.00	25.00'	28.12'	21.88'	30.50'	19.30'	08°57'08.9"	36°24'41.4"
77+99.45	24.45'	27.51'	21.39'	29.83'	18.87'	08°45'19.9"	45°10'.1"
TOTAL	126.13'	141.9'	110.36'				

Defl./ft. = 21.485918 min.

See Sheet No. 15 for Jointing Layout

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No.	Revision	By	Date
21ST STREET KIDS AND FAMILY EMPOWERMENT			
JARDINE DRIVE			
STA. 73+31.33 TO STA. 78+50 (LOOP)			
JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84282			
Professional Engineering Consultants, P.A.			
303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	BLB, BDB	Job No.	35-05416-000
Drawn by	SAW	Date	OCTOBER 2005
			Sht. 10 of 53

