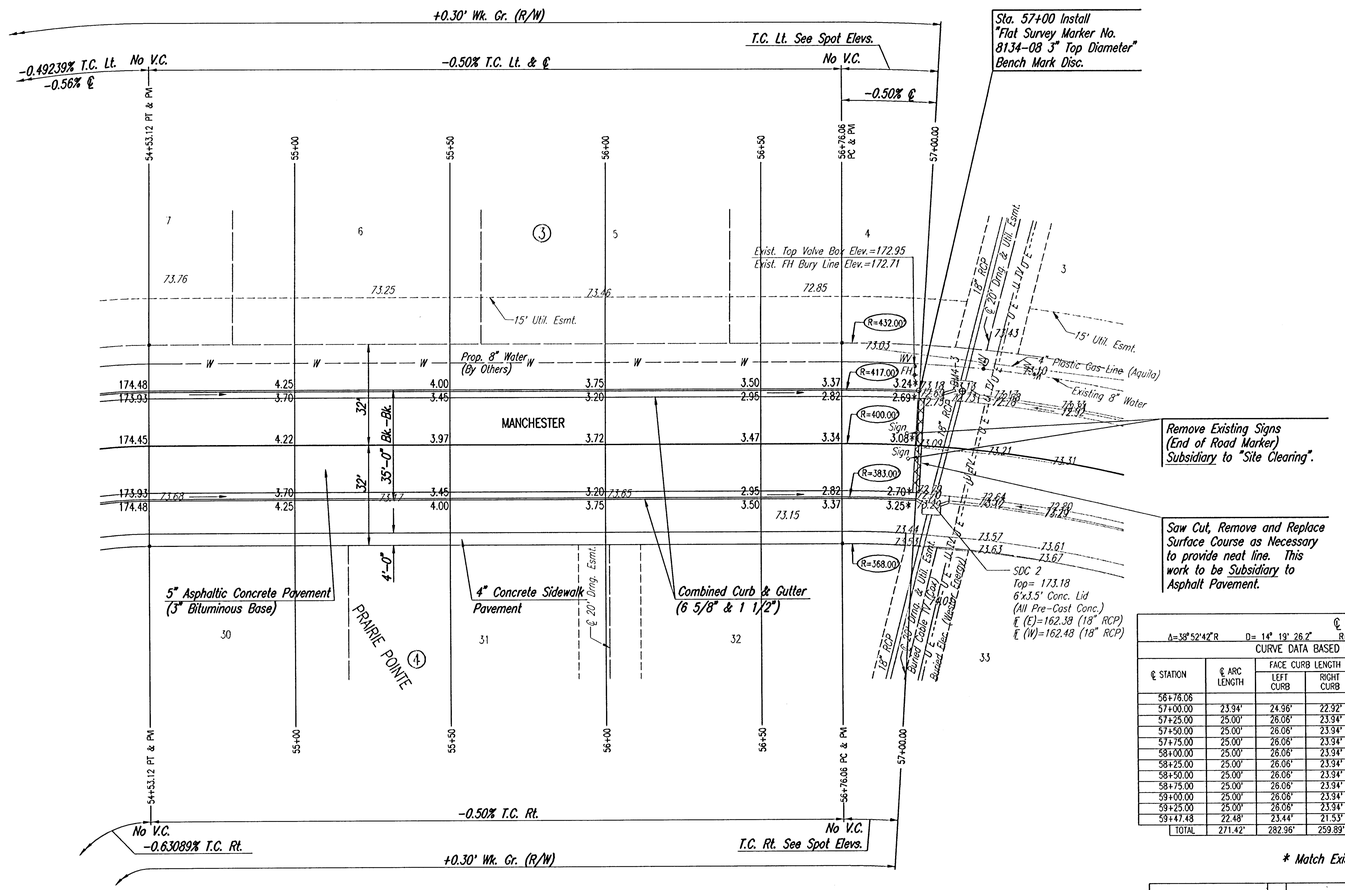
WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	EXISTING ELEVATION
MANCHESTER	56+98.20	26.0' Lt.	172.95

SCALE: 1"=20'



℄ CURVE DATA							
Δ=38°52'42"R D= 14° 19' 26.2" R= 400.00' L= 271.42' T= 141.17' E= 24.18'							
CURVE DATA BASED ON ℄ radius Δ/2= 19° 26' 21"							
℄ 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		
56+76.06						0°00'00.0"	0°00'00.0"
57+00.00	23.94'	24.96'	22.92'	25.43'	22.44'	01°42'52.5"	01°42'52.5"
57+25.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	03°30'18.3"
57+50.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	05°17'44.0"
57+75.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	07°05'09.8"
58+00.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	08°52'35.6"
58+25.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	10°40'01.4"
58+50.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	12°27'27.2"
58+75.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	14°14'52.9"
59+00.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	16°02'18.7"
59+25.00	25.00'	26.06'	23.94'	26.56'	23.43'	01°47'25.8"	17°49'44.5"
59+47.48	22.48'	23.44'	21.53'	23.88'	21.07'	01°36'36.0"	19°26'21.1"
TOTAL	271.42'	282.56'	259.89'			Delt/ft.= 4.297184 min.	

* Match Existing

No.	Revision	By	Date

PRAIRIE POINTE-PHASE 2

MANCHESTER

STA. 54+53.12 TO STA. 57+00.00

JAMES L. ARMOUR, P.E.-CITY ENGINEER
CITY OF WICHITA PROJECT NO. 472-84042

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

Designed by	BDB, BLB	Job No.	35-05300-000	Sheet 11 of 38
Drawn by	BJS	Date	May 2005	

BRIAND BOUTWELL LICENSED 10889 PROFESSIONAL ENGINEER

9/27/05

DSN/R: BLB OPER: BJS SCALE: 1=20.00
Q:\2005\05300\000\05300-000-C-STR55-57 09-26-2005 05:12:28 pm