℄ CURVE DATA

Δ=29°58'59"L D= 28° 38' 52.4" R= 200.00' L= 104.66' T= 53.58' E= 7.05'

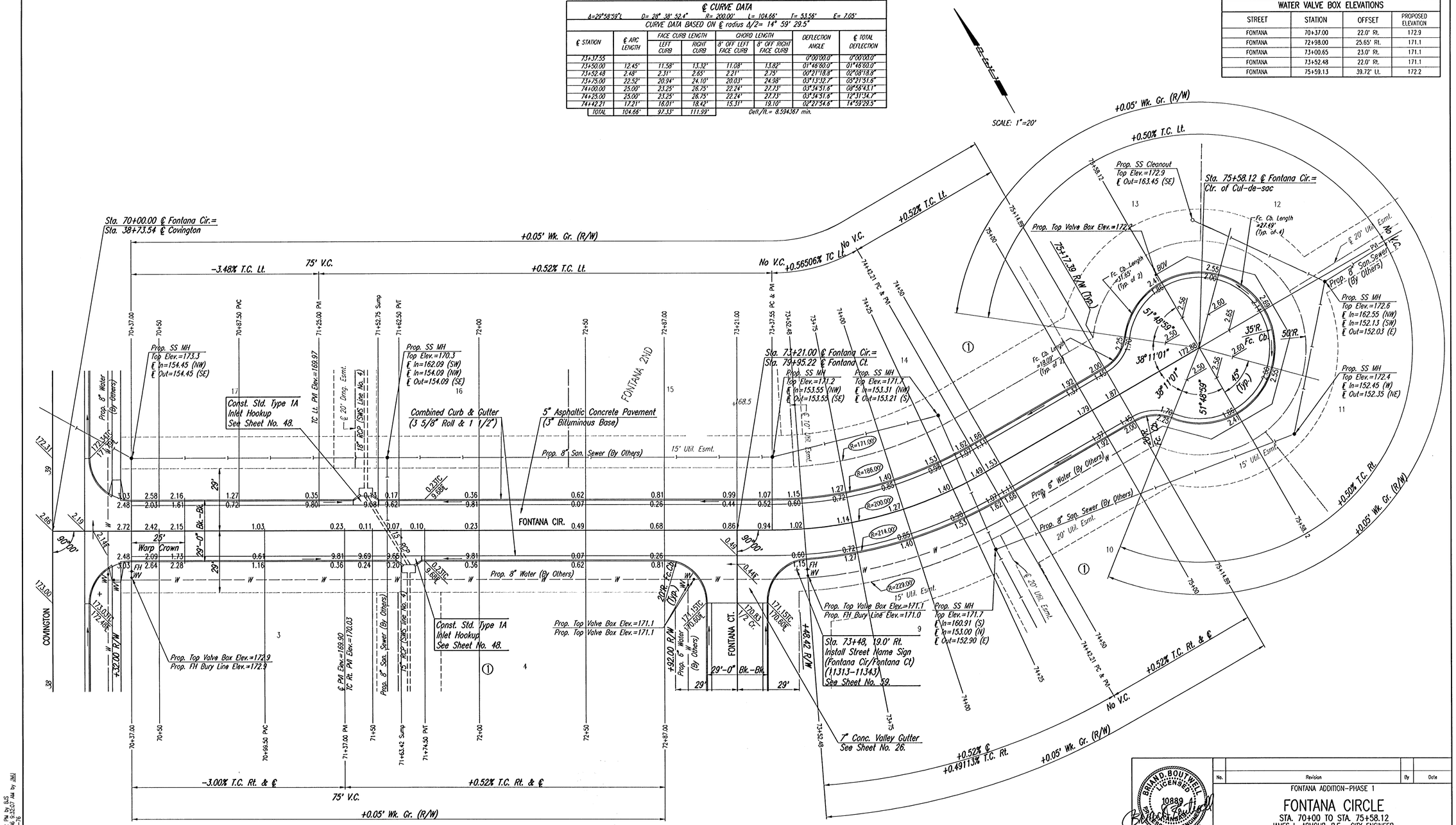
CURVE DATA BASED ON ℄ radius Δ/2= 14° 59' 29.5"

℄ 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		
73+37.55						0°00'00.0"	0°00'00.0"
73+50.00	12.45'	11.58'	13.32'	11.08'	13.82'	01°46'00.0"	01°46'00.0"
73+52.48	2.48'	2.31'	2.65'	2.21'	2.75'	00°21'18.8"	02°08'18.8"
73+75.00	22.52'	20.94'	24.10'	20.03'	24.98'	03°13'32.7"	05°21'51.6"
74+00.00	25.00'	23.25'	26.75'	22.24'	27.73'	03°34'51.6"	08°56'43.1"
74+25.00	25.00'	23.25'	26.75'	22.24'	27.73'	03°34'51.6"	12°31'34.7"
74+42.21	17.21'	16.01'	18.42'	15.31'	19.10'	02°27'54.6"	14°59'29.5"
TOTAL	104.66'	97.33'	111.99'				

Defl/ft.= 8.594367 min.

WATER VALVE BOX ELEVATIONS

STREET	STATION	OFFSET	PROPOSED ELEVATION
FONTANA	70+37.00	22.0' Rt.	172.9
FONTANA	72+98.00	25.65' Rt.	171.1
FONTANA	73+00.65	23.0' Rt.	171.1
FONTANA	73+52.48	22.0' Rt.	171.1
FONTANA	75+59.13	39.72' Lt.	172.2



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

BRIAND BOUTWELL LICENSED 10889 KANSAS PROFESSIONAL ENGINEER 3/14/06

No.	Revision	By	Date

FONTANA ADDITION-PHASE 1

FONTANA CIRCLE

STA. 70+00 TO STA. 75+58.12

JAMES L. ARMOUR, P.E.- CITY ENGINEER

CITY OF WICHITA PROJECT NO. 472-84086

Professional Engineering Consultants, P.A.

303 S. TOPEKA • WICHITA, KANSAS 67202

316-262-2691 • FAX 316-262-3003

Designed by	BDB, BLB	Job No.	35-04485-000
Drawn by	BJS	Date	September 2004

Saved 03-13-2006 4:09:32 PM by BJS
Plot Scale 1:20 03-14-2006 9:20:07 AM by JMU
Q:\2004\04485\000\STR20-76