

WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
FONTANA	25+13.02	23.0' RL	176.7
FONTANA	25+33.02	23.0' RL	176.5

SCALE: 1"=20'

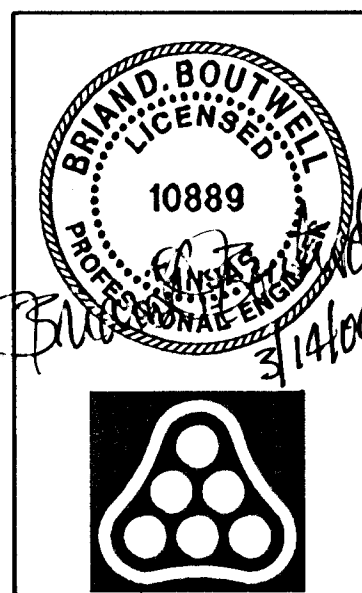
CURVE DATA						
Δ=59°25'6" L D=7' 58" 56.9' R=717.77' L=744.36' T=409.56' E=108.63'						
CURVE DATA BASED ON E radius Δ/2= 29° 42' 33"						
STATION	ARC LENGTH	FACE CURB LENGTH LEFT CURB	RIGHT CURB	CHORD LENGTH 8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB	DEFLECTION ANGLE
16+108.67	5.24'	5.34'	5.40'	5.40'	0°00'00.0"	0°00'00.0"
16+111.91	13.09'	12.83'	13.35'	12.69'	13.49'	00°12'32.9"
16+125.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°31'20.8"
16+150.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
16+175.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
17+00.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
17+25.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
17+50.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
17+75.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
18+00.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
18+00.50	0.50'	0.49'	0.51'	0.48'	0.52'	00°01'11.8"
18+14.69	14.19'	13.91'	13.75'	13.75'	13.75'	00°33'58.9"
18+25.00	10.31'	10.31'	10.31'	10.31'	10.31'	00°24'41.4"
18+50.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
18+75.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
18+81.90	6.90'	6.90'	6.90'	6.90'	6.90'	00°16'31.4"
18+90.32	8.42'	8.42'	8.42'	8.42'	8.42'	00°20'09.8"
19+00.00	9.88'	9.49'	9.87'	9.38'	9.98'	00°23'10.9"
19+25.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
19+50.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
19+75.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
20+00.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
20+25.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
20+41.34	16.34'	16.02'	16.68'	15.84'	16.84'	00°39'07.8"
20+50.00	8.66'	8.66'	8.66'	8.66'	8.66'	00°20'44.3"
20+75.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
21+00.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
21+08.54	8.54'	8.54'	8.71'	8.80'	8.80'	00°20'27.1"
21+25.00	16.46'	16.14'	16.78'	15.96'	16.96'	00°39'25.0"
21+50.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
21+75.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
22+00.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
22+25.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
22+50.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
22+54.96	4.96'	4.86'	5.06'	4.81'	5.11'	00°11'52.7"
22+58.92	1.96'	1.96'	2.00'	2.02'	2.02'	00°04'41.6"
22+75.00	18.08'	18.08'	18.08'	18.08'	18.08'	00°43'17.8"
23+00.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
23+25.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
23+50.00	25.00'	24.51'	25.49'	24.23'	25.76'	00°59'52.1"
23+51.03	1.03'	1.03'	1.03'	1.03'	1.03'	00°02'28.0"
TOTAL	744.36'	498.67'	571.62'			Defl./Lt.= 2.394741 min.

FRONT OF SDWK. COORDINATE LIST		
POINT	NORTH	EAST
522 PC	26,224.4599	16,480.3585
523 PT	26,238.3424	16,467.1185
524 PC	26,265.3043	16,428.3685
525 PT	26,297.2914	16,399.2716
526 PC	26,301.1914	16,397.0729
527 PT	26,328.4909	16,374.7539

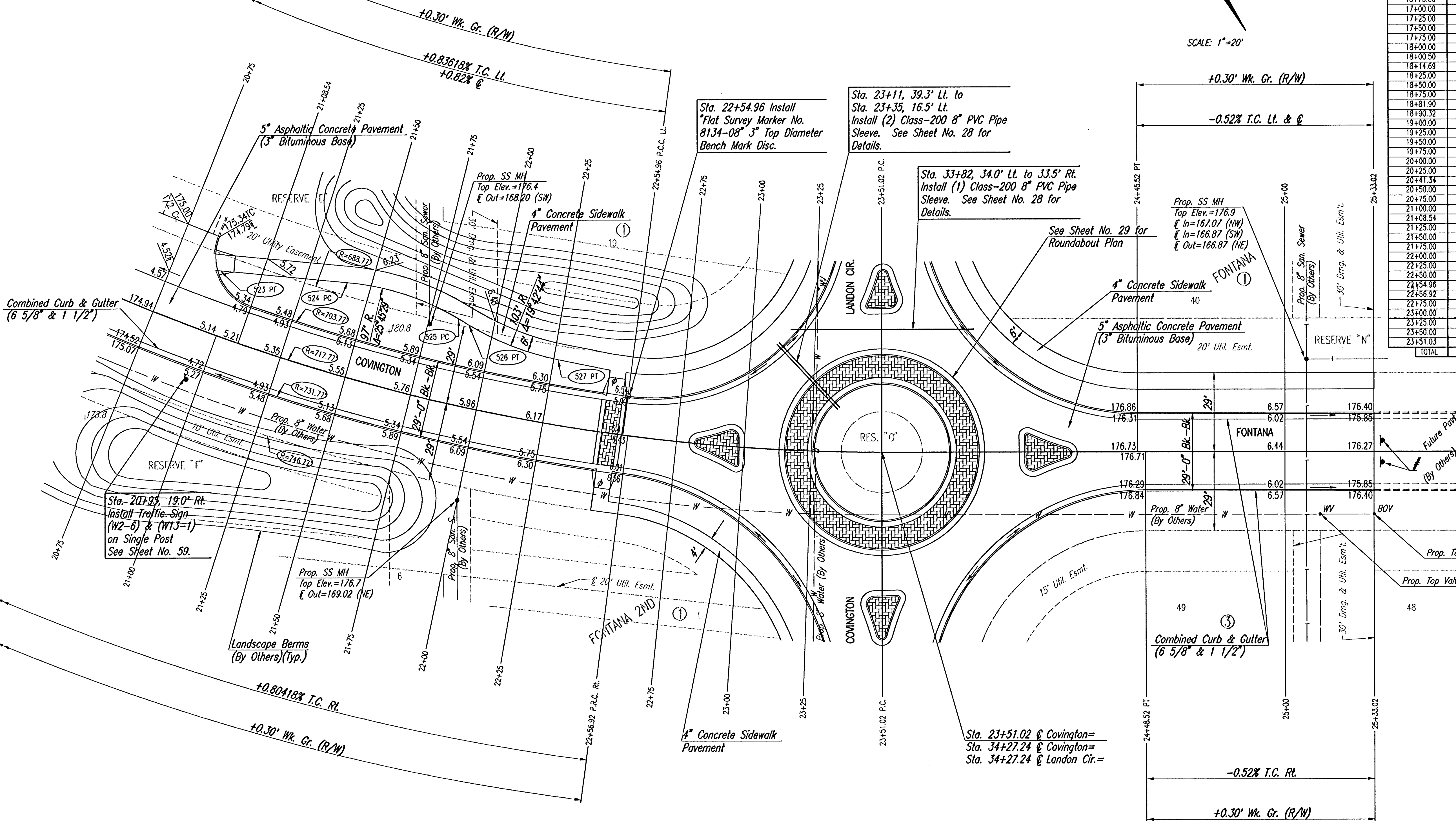
522 = COORDINATE POINT NO.
SEE SHEET NO. 3 FOR PLAT COORDINATES

Construct Std. Wheelchair Ramp

Install Type OM4-3 (End of Roadway Marker)
See Sheet No. 59.



No.	Revision	By	Date
FONTANA ADDITION-PHASE 1			
COVINGTON/FONTANA			
STA. 21+00 TO STA. 25+33.02			
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
			Sheet 14 of 101



NOTE:
See Sheet No. 31 for Signing Plan,
Sta. 22+00 to Sta. 25+00.