SEE NEXT SHEET FOR ℄ CURVE DATA TABLE

SCALE: 1"=20'

WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
COVINGTON	18+80.14	26.0' Rt.	174.4
COVINGTON	18+82.79	23.0' Rt.	174.3
COVINGTON	18+94.68	22.0' Rt.	174.2

FRONT OF SDWK. COORDINATE LIST		
POINT	NORTH	EAST
507 PT	25,742.3370	16,630.8249
508 PC	25,806.0681	16,629.5098
509 PT	25,844.0241	16,621.4133
510 PC	25,862.4477	16,613.6306
511 PT	25,910.8623	16,604.0183
512 PC	25,943.2024	16,604.2674
513 PT	25,998.2607	16,597.0983
~~514 PC~~	~~26,027.1357~~	~~16,589.2104~~
~~515 PT~~	~~26,048.5544~~	~~16,580.6850~~
516 PC	26,059.2670	16,574.9579
517 PT	26,106.6088	16,539.9696
518 PC	26,113.7041	16,532.9228
519 PT	26,161.0727	16,507.0441
520 PC	26,175.9457	16,503.7484
521 PT	26,208.4207	16,490.4261
~~522 PC~~	~~26,224.4599~~	~~16,480.3585~~
523 PT	26,238.3424	16,467.1185

(507) = COORDINATE POINT NO.
SEE SHEET NO. 4 FOR PLAT COORDINATES

Sta. 15+77.67 ℄ Covington=
Sta. 100+00.00 ℄ Covington Ct.

+0.30' Wk. Gr. (R/W)

-0.50% T.C. Lt.

RESERVE "D"

20' Utility Easement

15+43.67

15+48.67 P/W

COVINGTON CT.

29'-0" Bk-Bk

Prop. 6" Water (By Others)

16+06.67 P/W

103' R
Δ=21°43'07"

Sta. 18+03, 19.0' Rt.
Install Street Name Sign
(Covington/Mark Randal)
(3003-3073)
See Sheet No. 59

Sta. 16+11.91 Install
"Flat Survey Marker No.
8134-08 3" Top Diameter
Bench Mark Disc.

Landscape Berms
(By Others)(Typ.)

Prop. SS MH
Top Elev.=175.2
℄ In=164.75 (W)
℄ Out=164.73 (NE)

15" Rep. (SWS Line No. 1A)

7" Conc. Valley Gutter
See Sheet No. 26.

15" SWS
(SWS Line No. 1)

20' Util. Esmt.

122' R
Δ=53°20'32"

203' R
Δ=15°43'13"

Sta. 18+57.85 ℄ Covington=
Sta. 105+00.00℄ Mark Randal

25' Bk-Bk

FONTANA

203' R
Δ=18°40'25"

Const. Std. Type 1A
Inlet Hookup
See Sheet No. 48.

19+54.00 P.V.T.

19+75

7" Conc. Valley Gutter
See Sheet No. 26.

5" Asphaltic Concrete Pavement
(3" Bituminous Base)

20+00

20+25

20+41.34

20+75

21+08.54

103' R
Δ=19°37'18"

25' Bk-Bk

4" Concrete Sidewalk
Pavement

+0.30' Wk. Gr. (R/W)

-0.51081% T.C. Lt.
-0.50% ℄

50' V.C.

+0.83618% T.C. Lt.
+0.82% ℄

RESERVE "B"

519 PT

520 PC

521 PT

523 PT

COVINGTON

Prop. 8" Water
(By Others)

RESERVE "C"

Prop. 8" San. Sewer (By Others)

℄ 20' Utility Easement

Prop. SS MH
Top Elev.=174.1
℄ In=164.46 (S)
℄ Out=164.46 (N)

-0.50% T.C. Rt.

No V.C.

Landscape Berms
(By Others)(Typ.)

7" Conc. Valley Gutter
See Sheet No. 26.

Prop. Top Valve Box Elev.=174.4
Prop. Top Valve Box Elev.=174.3
Prop. Top Valve Box Elev.=174.2
Prop. FH Bury Line Elev.=174.1

-0.49126% T.C. Rt.

+0.30' Wk. Gr. (R/W)

RESERVE "E"
POND NO. 1

Const. Std. Type 1A
Inlet Hookup
See Sheet No. 48.

+0.80418% T.C. Rt.

Combined Curb & Gutter
(6 5/8" & 1 1/2")

Sta. 20+55, 16.5' Lt. to 16.5' Rt.
Install (2) Class-200 8" PVC Pipe
Sleeve. See Sheet No. 28 for
Details.

10' Util. Esmt.

℄ 20' Utility Easement

Install Type OM4-3 (End of Roadway Marker)
at Stations 18+25, 18+33, 18+56, & 18+63.5 Rt.
See Sheet No. 59.

℄ Construct Std. Wheelchair Ramp

BRIAND BOUTWELL LICENSED 10889 PROFESSIONAL ENGINEER KANSAS

5/14/06

No.	Revision	By	Date

FONTANA ADDITION-PHASE 1

COVINGTON

STA. 16+11.91 TO STA. 21+00
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 13 of 101

Saved: 03-14-2006, 10:36:34 AM, by BJS
Plot Date: 03-14-2006, 11:10:29 AM by JMH
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