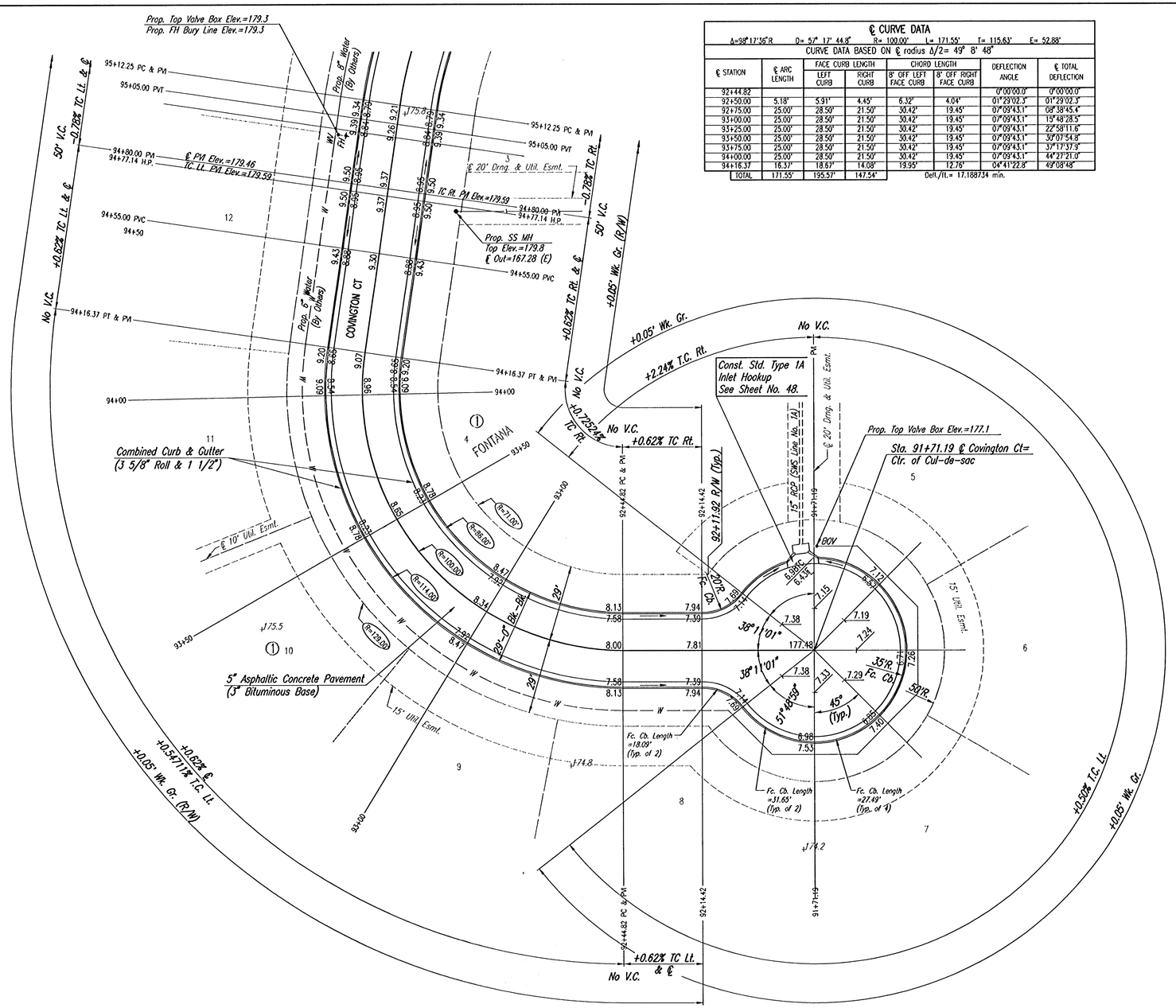



## ℄ CURVE DATA

Δ=98° 17' 35"R D= 57° 17' 44.8" R= 100.00' L= 171.55' T= 115.63' E= 52.88'

CURVE DATA BASED ON ℄ radius Δ/2= 49° 8' 48"

| ℄ 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 | | |
| 92+44.82 | | | | | | 0°00'00.0" | 0°00'00.0" |
| 92+50.00 | 5.18' | 5.31' | 4.45' | 6.32' | 4.04' | 01°29'02.3" | 01°29'02.3" |
| 92+75.00 | 25.00' | 28.50' | 21.50' | 30.42' | 19.45' | 07°09'43.1" | 08°38'45.4" |
| 93+00.00 | 25.00' | 28.50' | 21.50' | 30.42' | 19.45' | 07°09'43.1" | 15°48'28.5" |
| 93+25.00 | 25.00' | 28.50' | 21.50' | 30.42' | 19.45' | 07°09'43.1" | 22°58'11.6" |
| 93+50.00 | 25.00' | 28.50' | 21.50' | 30.42' | 19.45' | 07°09'43.1" | 30°07'54.8" |
| 93+75.00 | 25.00' | 28.50' | 21.50' | 30.42' | 19.45' | 07°09'43.1" | 37°17'37.9" |
| 94+00.00 | 25.00' | 28.50' | 21.50' | 30.42' | 19.45' | 07°09'43.1" | 44°27'21.0" |
| 94+16.37 | 16.37' | 18.67' | 14.08' | 19.95' | 12.76' | 04°41'22.8" | 49°08'48" |
| TOTAL | 171.55' | 195.57' | 147.54' | Delt./ft.= 17.188734 min. | | | |

SCALE: 1"=20'

## WATER VALVE BOX ELEVATIONS

| STREET | STATION | OFFSET | PROPOSED ELEVATION |
|---|---|---|---|
| COVINGTON COURT | 91+70.18 | 39.72' Rt. | 177.1 |
| COVINGTON COURT | 94+97.87 | 23.0' Lt. | 179.3 |
| | | | |
| | | | |

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

BRIAN D. BOUTWELL LICENSED 10889 PROFESSIONAL ENGINEER 3/14/06

| No. | Revision | By | Date |
|---|---|---|---|
| | | | |

FONTANA ADDITION-PHASE 1

# COVINGTON COURT

STA. 91+71.19 TO STA. 95+12.25

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

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

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