## ℄ CURVE DATA

Δ=59° 25'6"L  D= 38° 11' 49.9"  R= 150.00'  L= 155.56'  T= 85.59'  E= 22.7'

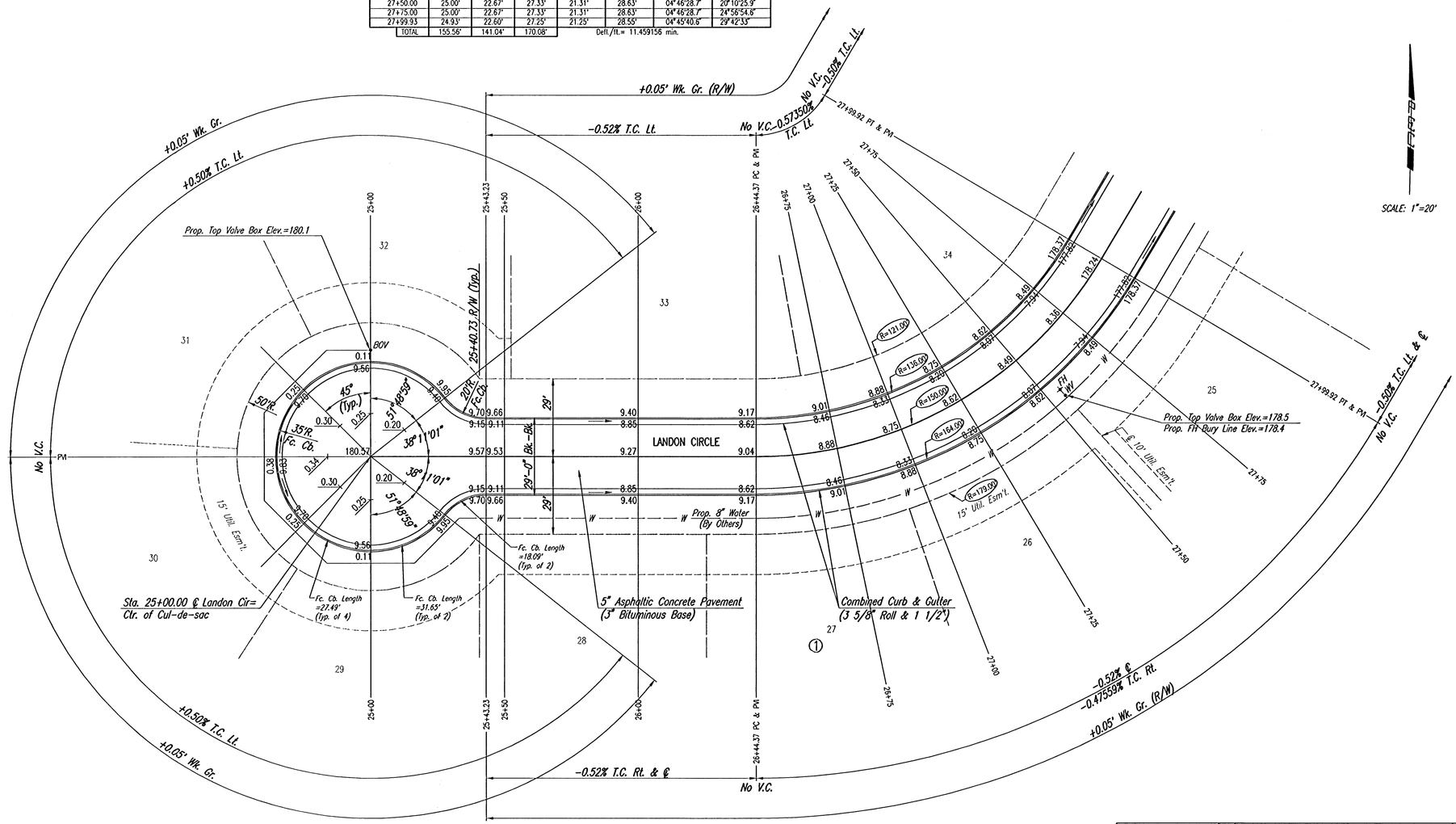
CURVE DATA BASED ON ℄ radius Δ/2= 29° 42' 33"

| ℄ 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 | | |
| 26+44.37 | | | | | | 0°00'00.0" | 0°00'00.0" |
| 26+50.00 | 5.63' | 5.10' | 6.16' | 4.80' | 6.46' | 01°04'30.9" | 01°04'30.9" |
| 26+75.00 | 25.00' | 22.67' | 27.33' | 21.31' | 28.63' | 04°46'28.7" | 05°50'59.7" |
| 27+00.00 | 25.00' | 22.67' | 27.33' | 21.31' | 28.63' | 04°46'28.7" | 10°37'28.4" |
| 27+25.00 | 25.00' | 22.67' | 27.33' | 21.31' | 28.63' | 04°46'28.7" | 15°23'57.2" |
| 27+50.00 | 25.00' | 22.67' | 27.33' | 21.31' | 28.63' | 04°46'28.7" | 20°10'25.9" |
| 27+75.00 | 25.00' | 22.67' | 27.33' | 21.31' | 28.63' | 04°46'28.7" | 24°56'54.6" |
| 27+99.93 | 24.93' | 22.60' | 27.25' | 21.25' | 28.55' | 04°45'40.6" | 29°42'35" |
| TOTAL | 155.56' | 141.04' | 170.68' | | | | |

Defl/ft.= 11.459156 min.

## WATER VALVE BOX ELEVATIONS

| STREET | STATION | OFFSET | PROPOSED ELEVATION |
|---|---|---|---|
| LANDON CIRCLE | 25+00.00 | 39.73' Lt. | 180.1 |
| LANDON CIRCLE | 27+54.93 | 22.0' Rt. | 178.5 |
| | | | |
| | | | |




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

# LANDON CIRCLE

STA. 25+00.00 TO STA. 27+99.92

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 | Sheet 15 of 101 |
| Drawn by | BJS | Date | September 2004 | |

Saved: 03-14-2006 9:24:34 AM by JAMJ
Plot: Scale 1:20 03-14-2006 9:57:48 AM by JAMJ
O:\2004\04485\000\STR25-28