GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 INCH = 20 FT.

Lanners Cir.

4+44.62 P.C.
4+75
5+00
5+25
5+50
5+75
5+92.87 P.T.
6+00
6+50
7+00
7+50
7+70.19
8+13.43

+0.5' Wk. Grade
-0.50% CL Grade
5"A.C. Pavement w/5" Crushed Rock Base on Fabric Reinforcement
Δ=42°28'17" R=200.00' CL L=148.25' T=77.72'
R=229.00'
R=214.00' Fc.
R=186.00' Fc.
R=171.00'
Roll Type Cb. & Gtr. (3 5/8" and 1 1/2")
8" San. Sewer
6" Waterline
29' Bk-Bk
14.50'
58' R/W
-0.5% Cb. Grade 51°48'59"
-0.5% Cb. Grade 45°00'00"
Δ=51°48'59" R=20.00' Fc. L=18.09' T=9.72'
Construct Inlet Hookup
Δ=283°37'59" R=35.00' Fc. L=173.26' T=27.53'
45°00'00" -0.5% Cb. Grade
-0.5% Cb. Grade 51°48'59"
-0.5% Cb. Grade 45°00'00"
+0.5' Wk. Grade
+0.50% CL Grade
+0.5' Wk. Grade

40 41 42 43 44 45
1 2 3 4 5 6

RECORD DRAWINGS
4/4/04
J.U./B.K.

Δ =42°28'17" L=148.25' R=200.00' T=77.72'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CHORD LENGTH CL	CHORD LENGTH 8' RT.	DEFLECTION	TOTAL DEFLECTION
4+44.62 P.C.						
4+50.00	5.38'	5.99'	5.38'	4.77'	0°46'14"	0°46'14"
4+75.00	25.00'	27.79'	24.98'	22.17'	3°34'52"	4°21'6"
5+00.00	25.00'	27.79'	24.98'	22.17'	3°34'52"	7°55'57"
5+25.00	25.00'	27.79'	24.98'	22.17'	3°34'52"	11°30'49"
5+50.00	25.00'	27.79'	24.98'	22.17'	3°34'52"	15°5'40"
5+75.00	25.00'	27.79'	24.98'	22.17'	3°34'52"	18°40'32"
5+92.87 P.T.	17.87'	19.88'	17.87'	15.86'	2°33'36"	21°14'8"
DEFLECTION/FOOT =0.143239449 DEGREES					8.594366927 MINUTES	

NOTE:
All top of curb grades are to top of combined curb and gutter. 0.25' must be subtracted from top of curb elevations to top of roll curb.

No.	Street and Station	From CL	Description	Elevation
4	Lanners Cir., 4+44.62	17.50' NW.	Top of Curb (NW), in front of Fire Hydrant, at Southwest corner of Lot 40, Block 2	1354.25

No.	Date	By	Approved	Revision

FALCON FALLS - PHASE 1
STREET IMPROVEMENTS
LANNERS CIRCLE
CITY OF WICHITA, KANSAS
NEIL D. CABLE, P.E. - CITY ENGINEER
C.O.W. Project # 472-83887 O.C.A. # 785782

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
9540 E. Central, Suite 200 ■ Wichita, KS 67206-2242
Phone 316/685-4114 ■ FAX 316/685-4444

FINAL

Designed By: J. Ubert / B. Kulla
Drawn By: B. Kulla
Poe Job No.: 1748A
Date: May 2003

Sheet 10 of 88

G:\APPS\DCA\P\748\base.dwg Mon Apr 05 11:55:32 2004 Bernard Kulla, Poe & Associates Inc.