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

Lanners Cir.

Peregrine

Install Street Name Sign
Peregrine
Lanners Cir.

8" Reinf. Conc. V.C.

Δ=78°01'41"
R=20.00' Fc.
L=27.24'
T=16.20'

5"A.C. Pavement
w/5" Crushed Rock Base
on Fabric Reinforcement

8" San. Sewer

8" Waterline

Construct
Inlet Hookup

Δ=61°20'32"
R=100.00' CL
L=107.06'
T=59.31'

R=132.00'

R=117.00' Fc.

Δ=75°37'50"
R=20.00' Fc.
L=26.40'
T=15.52'

R=83.00' Fc.

R=68.00'

Comb. Cb. & Gtr.
(6 5/8" and 1 1/2")

Δ=28°19'14"
R=150.00' CL
L=74.14'
T=37.85'

14.50'
35' BK-BK
64' R/W
14.50'

R=182.00'

R=167.00' Fc.

Constr. 4' Conc. Sidewalk

R=118.00'

R=133.00' Fc.

+0.5' Wk. Grade
+0.50% CL Grade
+1.48% CL Grade

7+58.10
7+75
8+00
8+19.19 P.T.
8+50
9+00
9+48.97 P.C.
9+75
10+00
10+23.12 P.T.
7+06.42
7+00
6+50
5+69.83
5+50
5+27.50 P.T.
7+12.13 P.C.
7+25.02 P.T.
7+50
8+19.19 P.T.
8+50
9+00
9+48.97 P.C.
9+75
10+00
10+23.12 P.T.

12 13 14 15 16 32 33 34 35 36

Δ =61°20'32" L=107.06' R=100.00' T=59.31'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8" LT.	CHORD LENGTH CL	CHORD LENGTH 8" RT.	DEFLECTION	TOTAL DEFLECTION
7+12.13 P.C.						
7+25.00	12.87'	16.14'	12.86'	9.58'	3°41'13"	3°41'13"
7+33.02	8.02'	10.06'	8.02'	5.97'	2°17'51"	5°59'4"
7+50.00	16.98'	21.28'	16.96'	12.63'	4°51'52"	10°50'56"
7+58.10	8.10'	10.16'	8.10'	6.03'	2°19'14"	13°10'10"
7+75.00	16.90'	21.18'	16.88'	12.58'	4°50'29"	18°0'39"
8+00.00	25.00'	31.29'	24.93'	18.58'	7°9'43"	25°10'22"
8+19.19 P.T.	19.19'	24.05'	19.16'	14.28'	5°29'53"	30°40'16"
DEFLECTION/FOOT =0.286478898 DEGREES						17.188733854 MINUTES

Δ =28°19'14" L=74.14' R=150.00' T=37.85'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8" LT.	CHORD LENGTH CL	CHORD LENGTH 8" RT.	DEFLECTION	TOTAL DEFLECTION
9+48.97 P.C.						
9+50.00	1.03'	1.21'	1.03'	00.85'	0°11'48"	0°11'48"
9+75.00	25.00'	29.22'	24.97'	20.73'	4°46'29"	4°58'17"
10+00.00	25.00'	29.22'	24.97'	20.73'	4°46'29"	9°44'46"
10+23.11 P.T.	23.11'	27.02'	23.09'	19.16'	4°24'51"	14°9'37"
DEFLECTION/FOOT =0.190985932 DEGREES						11.459155903 MINUTES

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

FINAL

No.	Date	By	Approved	Revision

FALCON FALLS - PHASE 1
STREET IMPROVEMENTS
PEREGRINE
CITY OF WICHITA, KANSAS
NEIL D. CABLE, P.E. - CITY ENGINEER
C.O.W. Project # 472-83687 O.C.A. # 765782

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5040 E. Central, Suite 200 ■ Wichita, KS 67208-4242
Phone 316/685-4114 ■ FAX 316/685-4444

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

Sheet
5 of 88

G:\APPS\DCA\P\748\base.dwg Mon Apr 05 11:54:57 2004 Bernard Kulla, Poe & Associates Inc.