GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

1 INCH = 20 FT.

Δ =28°19'34" L=108.76' R=220.00' T=55.52'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CL	8' RT.	DEFLECTION	TOTAL DEFLECTION
11+63.23 P.C.						
11+75.00	11.77'	10.40'	11.77'	13.13'	1°31'58"	1°31'58"
12+00.00	25.00'	22.09'	24.99'	27.88'	3°15'20"	4°47'17"
12+25.00	25.00'	22.09'	24.99'	27.88'	3°15'20"	8°2'37"
12+50.00	25.00'	22.09'	24.99'	27.88'	3°15'20"	11°17'56"
12+71.99 P.T.	21.99'	19.44'	21.99'	24.53'	2°51'51"	14°9'47"

DEFLECTION/FOOT =.130217681 DEGREES 7.813060843 MINUTES

Δ =63°46'5" L=178.07' R=160.00' T=99.53'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CL	8' RT.	DEFLECTION	TOTAL DEFLECTION
15+50.09 P.C.						
15+75.00	24.91'	20.92'	24.88'	28.85'	4°27'36"	4°27'36"
16+00.00	25.00'	20.99'	24.97'	28.95'	4°28'34"	8°56'11"
16+10.76	10.76'	9.04'	10.76'	12.47'	1°55'36"	10°51'47"
16+25.00	14.24'	11.97'	14.24'	16.50'	2°32'59"	13°24'45"
16+50.00	25.00'	20.99'	24.97'	28.95'	4°28'34"	17°53'20"
16+75.00	25.00'	20.99'	24.97'	28.95'	4°28'34"	22°21'54"
17+00.00	25.00'	20.99'	24.97'	28.95'	4°28'34"	26°50'29"
17+25.00	25.00'	20.99'	24.97'	28.95'	4°28'34"	31°19'3"
17+28.16 P.T.	3.16'	2.66'	3.16'	3.67'	0°33'59"	31°53'2"

DEFLECTION/FOT =.179049311 DEGREES 10.742958659 MINUTES

COVINGTON CT.

COVINGTON

P.C. 11+63.23

P.T. 10+83.66

P.C. 11+63.23

P.T. 12+71.99

P.C. 13+25.24

P.T. 14+94.70

P.C. 15+50.09

Δ =28°19'34"
R =220.00'
T =55.52'
L =108.76'

Δ =96°38'17"
R =20.00' Fc.
T =22.46'
L =33.73'

Δ =80°32'47"
R =20.00' Fc.
T =16.95'
L =28.12'

Δ =80°32'46"
R =20.00' Fc.
T =16.95'
L =28.12'

Δ =58°47'59"
R =170.00'
T =95.79'
L =174.46'

Δ =63°46'05"
R =160.00'
T =99.53'
L =178.07'

R=202.00'

R=187.00' Fc.

R=188.00'

R=203.00' Fc.

R=153.00' Fc.

R=138.00'

R=237.00' Fc.

R=252.00'

R=128.00'

R=143.00' Fc.

R=177.00' Fc.

R=192.00

-0.50% CL Grade

+0.60% CL Grade

+0.5' Wk. Grade

-0.60% CL Grade

+0.95% CL Grade

32' R/W

29' B-B

64' R/W

35' B-B

14.50'

Install Street Name Sign (2301-2327)

Sta. 14+51.57 17.50' Lt.
Install Subdivision Benchmark
(See Note 10 on Sheet 1)

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

Constr. 4' Conc. Sidewalk

Constr. Inlet Hookup

Constr. Inlet Hookup

5" R.C. Valley Gutter w/5" Crushed Rock Base on Fabric Reinforcement

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

11+17.70 11+50 11+75 12+00 12+25 12+50 12+71.99 13+00 13+25 13+50 13+75 13+95.47 14+51.57 14+75 15+00 15+50.09 15+75 16+00 16+10.76 16+25 16+50

10+83.66 11+00 11+50 11+75 12+00 12+25 12+50 12+71.99 13+00 13+25 13+50 13+75 14+00 14+23.52 14+25 14+50 14+75 14+94.70 15+00 15+75 16+00 16+10.76 16+25

22 26 25 23 11 10 9 24 8 7 6 5 4 3 2

Δ =58°47'59" L=174.46' R=170.00' T=95.79'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CL	8' RT.	DEFLECTION	TOTAL DEFLECTION
13+20.24 P.C.						
13+25.00	4.76'	5.47'	4.76'	4.05'	0°48'8"	0°48'8"
13+50.00	25.00'	28.72'	24.98'	21.23'	4°12'47"	5°0'54"
13+75.00	25.00'	28.72'	24.98'	21.23'	4°12'47"	9°13'41"
13+95.47	20.47'	23.53'	20.46'	17.39'	3°26'58"	12°40'39"
14+00.00	4.53'	5.21'	4.53'	3.85'	0°45'48"	13°26'27"
14+23.52	23.52'	27.03'	23.50'	19.98'	3°57'49"	17°24'16"
14+25.00	1.48'	1.70'	1.48'	1.26'	0°14'58"	17°39'14"
14+50.00	25.00'	28.72'	24.98'	21.23'	4°12'47"	21°52'0"
14+51.57	1.57'	1.81'	1.57'	1.33'	0°15'52"	22°7'53"
14+75.00	23.43'	26.92'	23.41'	19.90'	3°56'54"	26°4'47"
14+94.70 P.T.	19.70'	22.64'	19.69'	16.74'	3°19'13"	29°23'59"

DEFLECTION/FOOT =.168516999 DEGREES 10.111019914 MINUTES

No.	Street and Station	From CL	Description	Elevation
1	Covington, 14+51.57	17.50' W.	Top of Curb (W) Return (N) of Covington Ct.	166.38

No.	Date	By	Approved	Revision
2	10/1/01	JNJ	JNJ	Revised Curve Tables

THE LOCHS AT ABERDEEN
STREET IMPROVEMENTS
COVINGTON

CITY OF WICHITA, KANSAS
MICHAEL E. LINSENBAKK, P.E., CITY ENGINEER
Proj# 472-83569 C.O.C.# 765681

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita, KS 67208-4242
Phone 316/685-4114 ■ FAX 316/685-4444

FINAL

Engineer: J. Ubert
Drawn By: B. Kulla
Poe Job No.: 1656B
Date: May 2001

Sheet 6 of 58

G:\APPS\DCA\P\656b\base.dwg Tue Oct 02 11:01:11 2001 James Ubert - Poe & Associates of Kansas, Inc.