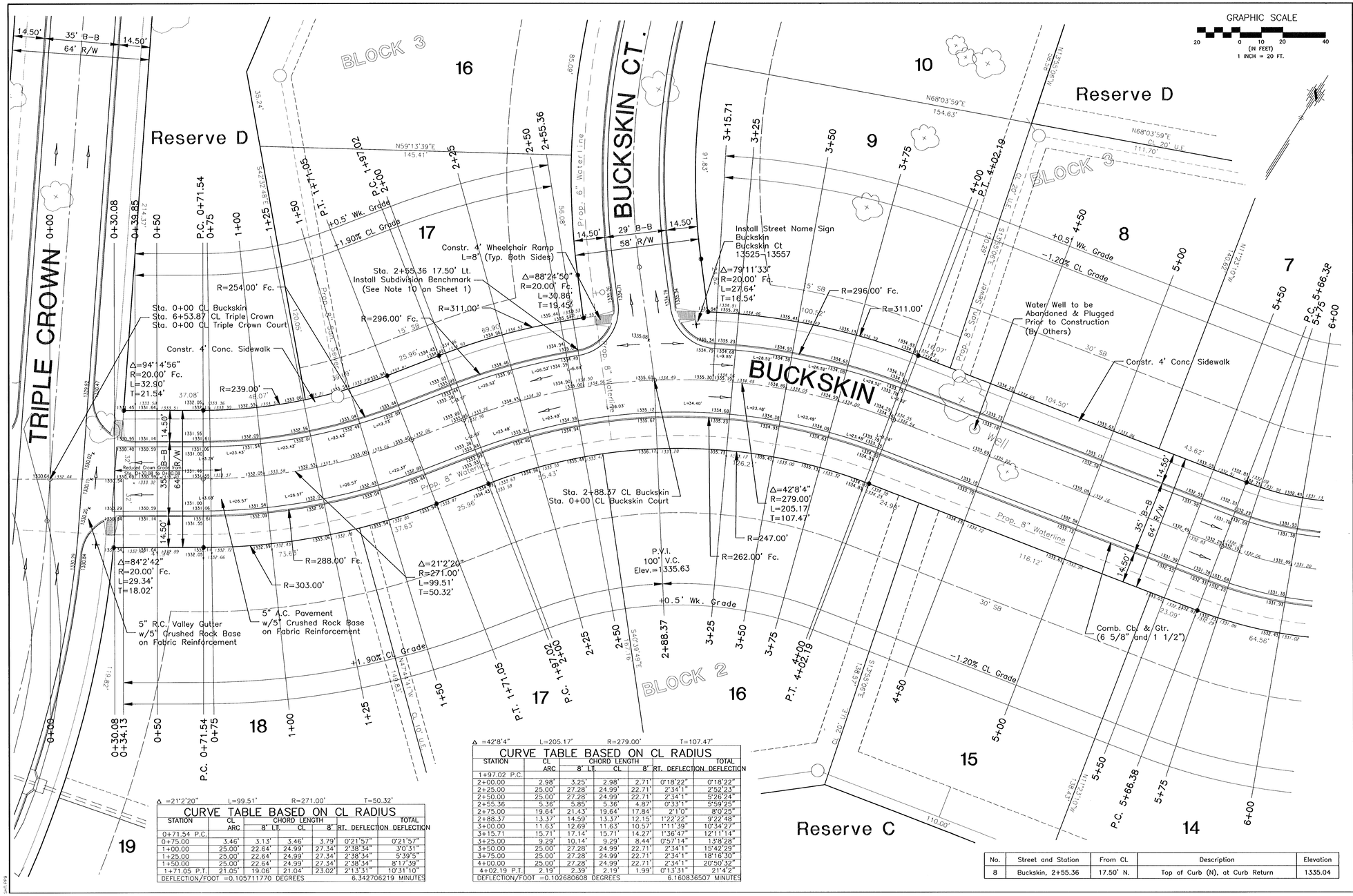


Δ =21°2'20" L=99.51' R=271.00' T=50.32'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CHORD LENGTH CL	CHORD LENGTH 8' RT.	DEFLECTION	TOTAL DEFLECTION
0+71.54 P.C.						
0+75.00	3.46'	3.13'	3.46'	3.79'	0°21'57"	0°21'57"
1+00.00	25.00'	22.64'	24.99'	27.34'	2°38'34"	3°0'31"
1+25.00	25.00'	22.64'	24.99'	27.34'	2°38'34"	5°39'5"
1+50.00	25.00'	22.64'	24.99'	27.34'	2°38'34"	8°17'39"
1+71.05 P.T.	21.05'	19.06'	21.04'	23.02'	2°13'31"	10°31'10"

DEFLECTION/FOOT =0.105711770 DEGREES 6.342706219 MINUTES

Δ =42°8'4" L=205.17' R=279.00' T=107.47'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CHORD LENGTH CL	CHORD LENGTH 8' RT.	DEFLECTION	TOTAL DEFLECTION
1+97.02 P.C.						
2+00.00	2.98'	3.25'	2.98'	2.71'	0°18'22"	0°18'22"
2+25.00	25.00'	27.28'	24.99'	22.71'	2°34'1"	2°52'23"
2+50.00	25.00'	27.28'	24.99'	22.71'	2°34'1"	5°26'24"
2+55.36	5.36'	5.85'	5.36'	4.87'	0°33'1"	5°59'25"
2+75.00	19.64'	21.43'	19.64'	17.84'	2°1'0"	8°0'25"
2+88.37	13.37'	14.59'	13.37'	12.15'	1°22'22"	9°22'48"
3+00.00	11.63'	12.69'	11.63'	10.57'	1°11'39"	10°34'27"
3+15.71	15.71'	17.14'	15.71'	14.27'	1°36'47"	12°11'14"
3+25.00	9.29'	10.14'	9.29'	8.44'	0°57'14"	13°8'28"
3+50.00	25.00'	27.28'	24.99'	22.71'	2°34'1"	15°42'29"
3+75.00	25.00'	27.28'	24.99'	22.71'	2°34'1"	18°16'30"
4+00.00	25.00'	27.28'	24.99'	22.71'	2°34'1"	20°50'32"
4+02.19 P.T.	2.19'	2.39'	2.19'	1.99'	0°13'31"	21°4'2"

DEFLECTION/FOOT =0.102680608 DEGREES 6.160836507 MINUTES

No.	Street and Station	From CL	Description	Elevation
8	Buckskin, 2+55.36	17.50' N.	Top of Curb (N), at Curb Return	1335.04

No.	Date	By	Approved	Revision
1				
2				
3				
4				

EQUESTRIAN ESTATES – PHASE 1
STREET IMPROVEMENTS
BUCKSKIN
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
C.O.W. Project # 472-83424 O.C.A. # 765705

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
3940 E. Central, Suite 200 ■ Wichita, KS 67208-4242
Phone 316/685-4114 ■ FAX 316/685-4444

FINAL

Designed By: J. Ubert / J. Dickman
Drawn By: J. Dickman
Poe Job No.: 1694A
Date: March 2002

Sheet
12 of 112

G:\APROJ\DCA\P1694\BASE-ST.dwg Fri Mar 22 09:43:39 2002 Bernard Kulla - POE & ASSOCIATES OF KANSAS, INC.