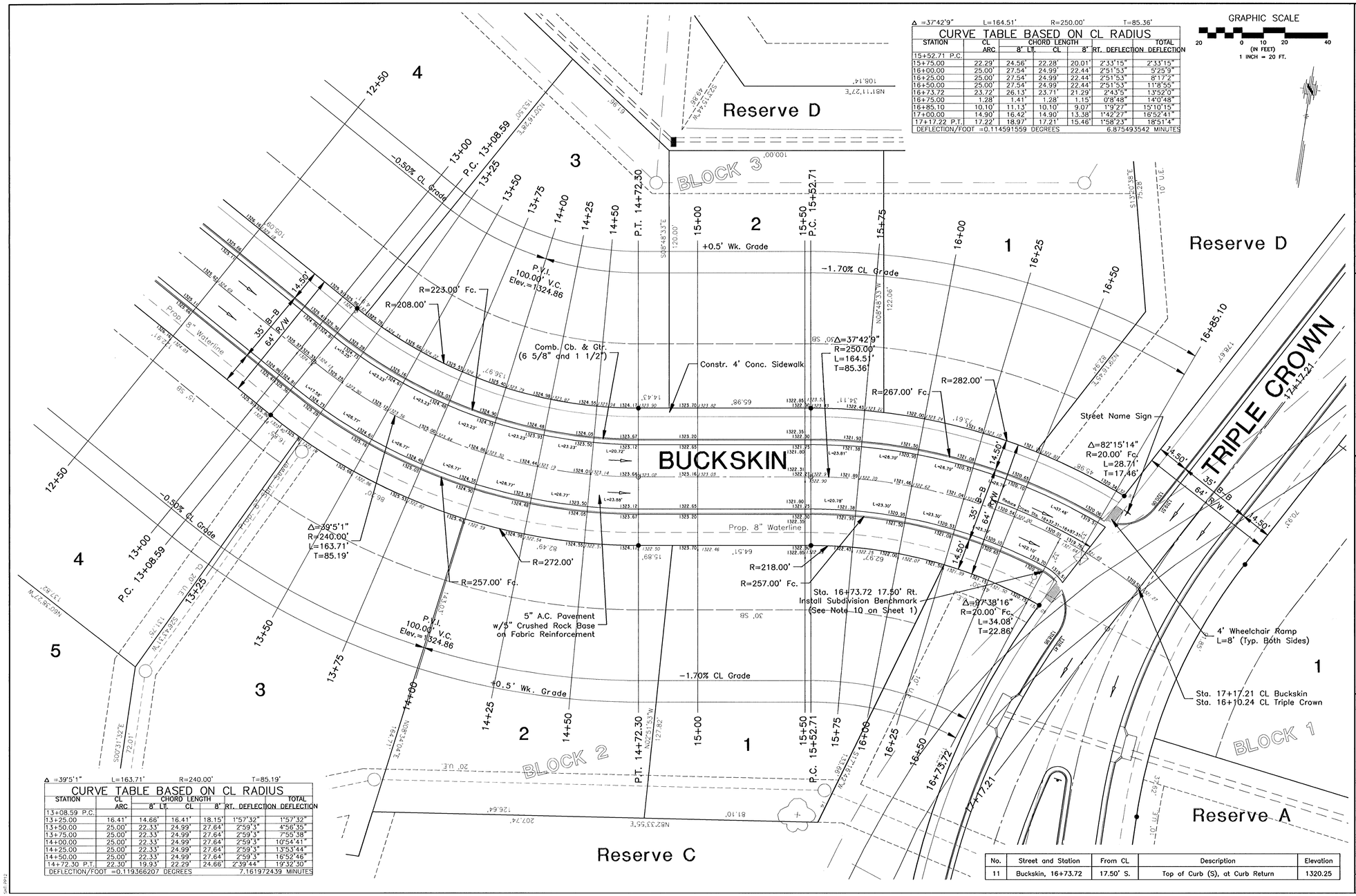


Δ =37°42'9" L=164.51' R=250.00' T=85.36'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8" LT.	CL	8" RT.	DEFLECTION	TOTAL DEFLECTION
15+52.71 P.C.						
15+75.00	22.29'	24.56'	22.28'	20.01'	2°33'15"	2°33'15"
16+00.00	25.00'	27.54'	24.99'	22.44'	2°51'53"	5°25'9"
16+25.00	25.00'	27.54'	24.99'	22.44'	2°51'53"	8°17'2"
16+50.00	25.00'	27.54'	24.99'	22.44'	2°51'53"	11°8'55"
16+73.72	23.72'	26.13'	23.71'	21.29'	2°43'5"	13°52'0"
16+75.00	1.28'	1.41'	1.28'	1.15'	0°8'48"	14°0'48"
16+85.10	10.10'	11.13'	10.10'	9.07'	1°9'27"	15°10'15"
17+00.00	14.90'	16.42'	14.90'	13.38'	1°42'27"	16°52'41"
17+17.22 P.T.	17.22'	18.97'	17.21'	15.46'	1°58'23"	18°51'4"

DEFLECTION/FOOT =0.1145915559 DEGREES 6.8754953542 MINUTES

Δ =39°5'1" L=163.71' R=240.00' T=85.19'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8" LT.	CL	8" RT.	DEFLECTION	TOTAL DEFLECTION
13+08.59 P.C.						
13+25.00	16.41'	14.66'	16.41'	18.15'	1°57'32"	1°57'32"
13+50.00	25.00'	22.33'	24.99'	27.64'	2°59'3"	4°56'35"
13+75.00	25.00'	22.33'	24.99'	27.64'	2°59'3"	7°55'38"
14+00.00	25.00'	22.33'	24.99'	27.64'	2°59'3"	10°54'41"
14+25.00	25.00'	22.33'	24.99'	27.64'	2°59'3"	13°53'44"
14+50.00	25.00'	22.33'	24.99'	27.64'	2°59'3"	16°52'46"
14+72.30 P.T.	22.30'	19.93'	22.29'	24.66'	2°39'44"	19°32'30"

DEFLECTION/FOOT =0.1193662O7 DEGREES 7.1619724339 MINUTES

No.	Street and Station	From CL	Description	Elevation
11	Buckskin, 16+73.72	17.50' S.	Top of Curb (S), at Curb Return	1320.25

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
5940 E Central, Suite 200 ■ Wichita, KS 67208-4242
Phone 316/685-4111 ■ FAX 316/685-4444

FINAL

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

Sheet
15 of 112

G:\MPS\DOCS\P\1694A\BASE-ST1v.dwg Fri Mar 15 08:52:34 2002 James Ubert - Poe & Associates of Kansas, Inc.