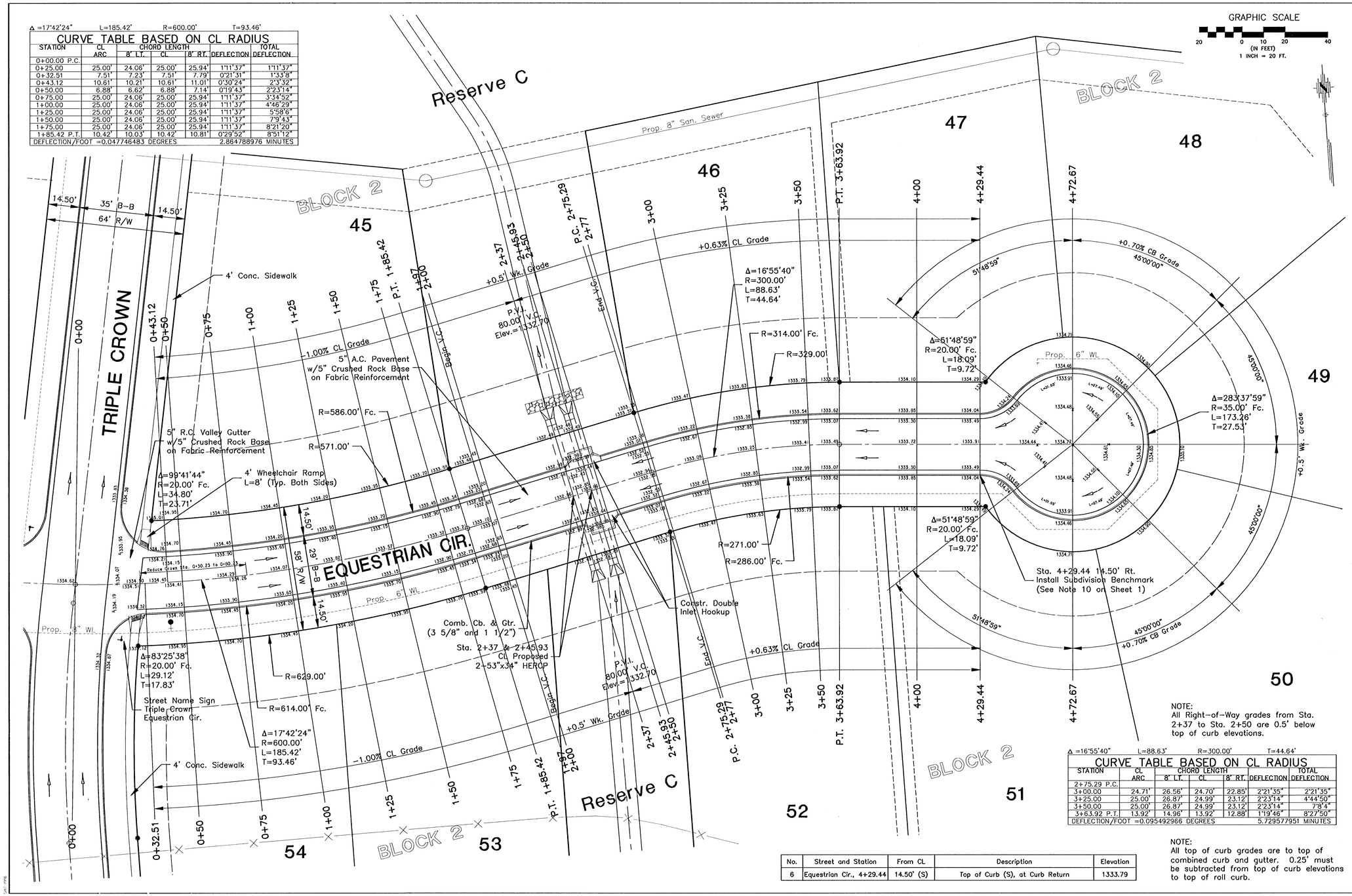
Δ =17°42'24" L=185.42' R=600.00' T=93.46'

CURVE TABLE BASED ON CL RADIUS						
STATION	CL ARC	CHORD LENGTH 8' LT.	CHORD LENGTH CL	CHORD LENGTH 8' RT.	DEFLECTION	TOTAL DEFLECTION
0+00.00 P.C.						
0+25.00	25.00'	24.06'	25.00'	25.94'	1°11'37"	1°11'37"
0+32.51	7.51'	7.23'	7.51'	7.79'	0°21'31"	1°33'8"
0+43.12	10.61'	10.21'	10.61'	11.01'	0°30'24"	2°3'32"
0+50.00	6.88'	6.62'	6.88'	7.14'	0°19'43"	2°23'14"
0+75.00	25.00'	24.06'	25.00'	25.94'	1°11'37"	3°34'52"
1+00.00	25.00'	24.06'	25.00'	25.94'	1°11'37"	4°46'29"
1+25.00	25.00'	24.06'	25.00'	25.94'	1°11'37"	5°58'6"
1+50.00	25.00'	24.06'	25.00'	25.94'	1°11'37"	7°9'43"
1+75.00	25.00'	24.06'	25.00'	25.94'	1°11'37"	8°21'20"
1+85.42 P.T.	10.42'	10.03'	10.42'	10.81'	0°29'52"	8°51'12"
DEFLECTION/FOOT =0.047746483 DEGREES					2.864788976 MINUTES	



NOTE:
All Right-of-Way grades from Sta. 2+37 to Sta. 2+50 are 0.5' below top of curb elevations.

Δ =16°55'40" L=88.63' R=300.00' T=44.64'

CURVE TABLE BASED ON CL RADIUS						
STATION	CL ARC	CHORD LENGTH 8' LT.	CHORD LENGTH CL	CHORD LENGTH 8' RT.	DEFLECTION	TOTAL DEFLECTION
2+75.29 P.C.						
3+00.00	24.71'	26.56'	24.70'	22.85'	2°21'35"	2°21'35"
3+25.00	25.00'	26.87'	24.99'	23.12'	2°23'14"	4°44'50"
3+50.00	25.00'	26.87'	24.99'	23.12'	2°23'14"	7°8'4"
3+63.92 P.T.	13.92'	14.96'	13.92'	12.88'	1°19'46"	8°27'50"
DEFLECTION/FOOT =0.095492966 DEGREES					5.729577951 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
6	Equestrian Cir., 4+29.44	14.50' (S)	Top of Curb (S), at Curb Return	1333.79

No.	Date	By	Approved	Revision

EQUESTRIAN ESTATES ADDITION – PHASE 2
STREET IMPROVEMENTS
EQUESTRIAN CIRCLE
CITY OF WICHITA, KANSAS
JAMES L. ARNOLD, P.E. CITY ENGINEER
C.O.W. Project # 472-83430 O.C.A. # 765969

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

FINAL

Designed By: JMJ/JPD
Drawn By: JPD
Poe Job No.: 16941
Date: January 2006