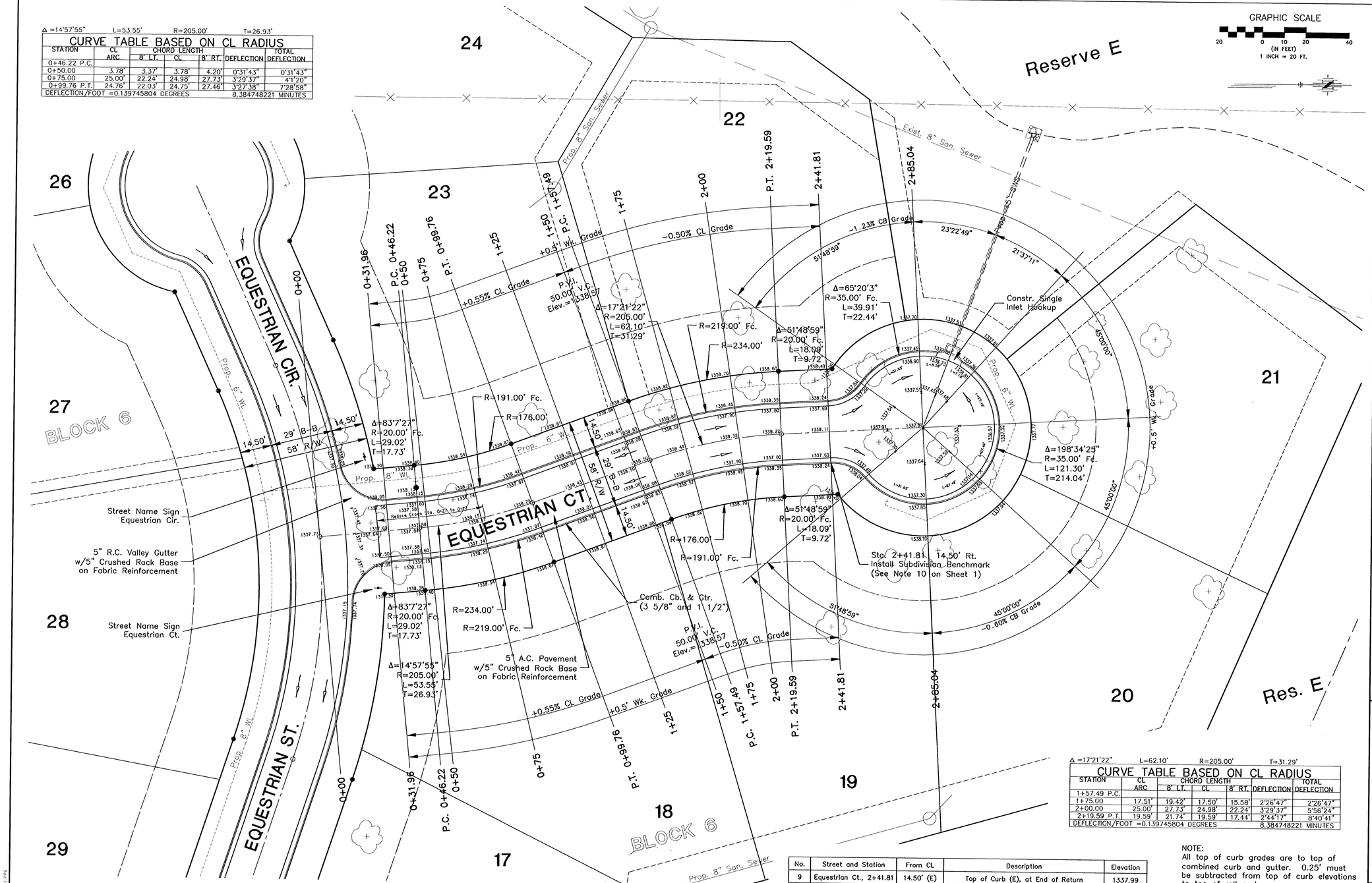
Δ =14°57'55" L=53.55' R=205.00' T=26.93'

CURVE TABLE BASED ON CL RADIUS						
STATION	CL ARC	CHORD LENGTH 8" LT.	CHORD LENGTH CL	CHORD LENGTH 8" RT.	DEFLECTION	TOTAL DEFLECTION
0+46.22 P.C.						
0+50.00	3.78'	3.37'	3.78'	4.20'	0°31'43"	0°31'43"
0+75.00	25.00'	22.24'	24.98'	27.73'	3°29'37"	4°1'20"
0+99.76 P.T.	24.76'	22.03'	24.75'	27.46'	3°27'38"	7°28'58"
DEFLECTION/FOOT =0.139745804 DEGREES					8.384748221	MINUTES



No.	Street and Station	From CL	Description	Elevation
9	Equestrian Ct., 2+41.81	14.50' (E)	Top of Curb (E), at End of Return	1337.99

Δ =17°21'22" L=62.10' R=205.00' T=31.29'

CURVE TABLE BASED ON CL RADIUS						
STATION	CL ARC	CHORD LENGTH 8" LT.	CHORD LENGTH CL	CHORD LENGTH 8" RT.	DEFLECTION	TOTAL DEFLECTION
1+57.49 P.C.						
1+75.00	17.51'	19.42'	17.50'	15.58'	2°26'47"	2°26'47"
2+00.00	25.00'	27.73'	24.98'	22.24'	3°29'37"	5°56'24"
2+19.59 P.T.	19.59'	21.74'	19.59'	17.44'	2°44'17"	8°40'41"
DEFLECTION/FOOT =0.139745804 DEGREES					8.384748221	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.	Date	By	Approved	Revision

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

POE & ASSOCIATES, INC.
CONSULTING ENGINEERS
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Phone 316/685-4114 ■ FAX 316/685-4444

FINAL

Designed By: JMU/JPD
Drawn By: JPD
Poe Job No.: 16942
Date: January 2006