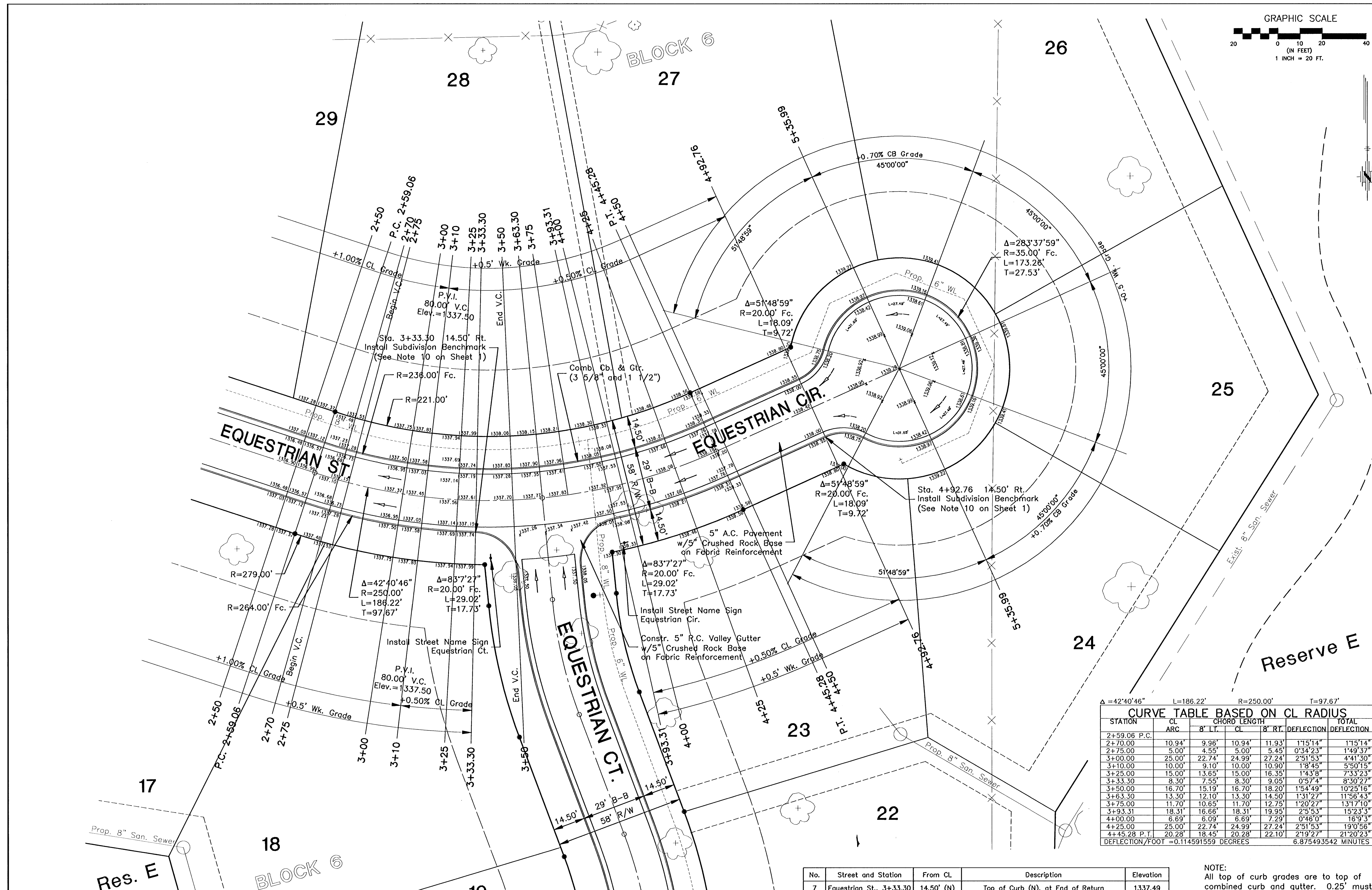


CURVE TABLE BASED ON CL RADIUS						
STATION	CL	CHORD LENGTH	DEFLECTION	DEFLECTION	DEFLECTION	TOTAL
2+59.06 P.C.	10.94'	9.96'	10.94'	11.93'	11'15"14"	11'15"14"
2+70.00	5.00'	4.55'	5.00'	5.45'	0'34"23"	1'49"37"
2+75.00	25.00'	22.74'	24.99'	27.24'	2'51"53"	4'41"30"
3+00.00	10.00'	9.10'	10.00'	10.90'	1'8"45"	5'50"15"
3+10.00	15.00'	13.65'	15.00'	16.35'	1'43"8"	7'33"23"
3+25.00	8.30'	7.55'	8.30'	9.05'	0'57"4"	8'30"27"
3+33.30	16.70'	15.19'	16.70'	18.20'	1'54"49"	10'25"16"
3+50.00	13.30'	12.10'	13.30'	14.50'	1'31"27"	11'56"43"
3+63.30	11.70'	10.65'	11.70'	12.75'	1'20"27"	13'17"10"
3+75.00	18.31'	16.66'	18.31'	19.95'	2'5"53"	15'23"3"
3+93.31	6.69'	6.09'	6.69'	7.29'	0'46"0"	16'9"3"
4+00.00	25.00'	22.74'	24.99'	27.24'	2'51"53"	19'0"56"
4+25.00	20.28'	18.45'	20.28'	22.10'	2'19"27"	21'20"23"
4+45.28 P.T.						
DEFLECTION/FOOT = 0.114591559 DEGREES					6.875493542 MINUTES	

No.	Street and Station	From CL	Description	Elevation
7	Equestrian St., 3+33.30	14.50' (N)	Top of Curb (N), at End of Return	1337.49
8	Equestrian Cir., 4+92.76	14.50' (N)	Top of Curb (N), at End of Return	1338.30

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.

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

DESIGNED BY: JMU/JPD
DRAWN BY: JPD
POE JOB NO.: 1694J
SHEET
11 OF 78

DATE: January 2006

REVISION

APPROVED

DATE

BY

NO.

EQUESTRIAN ST. IMPROVEMENTS
EQUESTRIAN STREET / CIRCLE
CITY OF WICHITA, KANSAS
JAMES L. ARMOUR, P.E. - CITY ENGINEER
C.O.W. Project # 472-83430 O.C.A. # 765669

EQUESTRIAN ESTATES ADDITION - PHASE 2