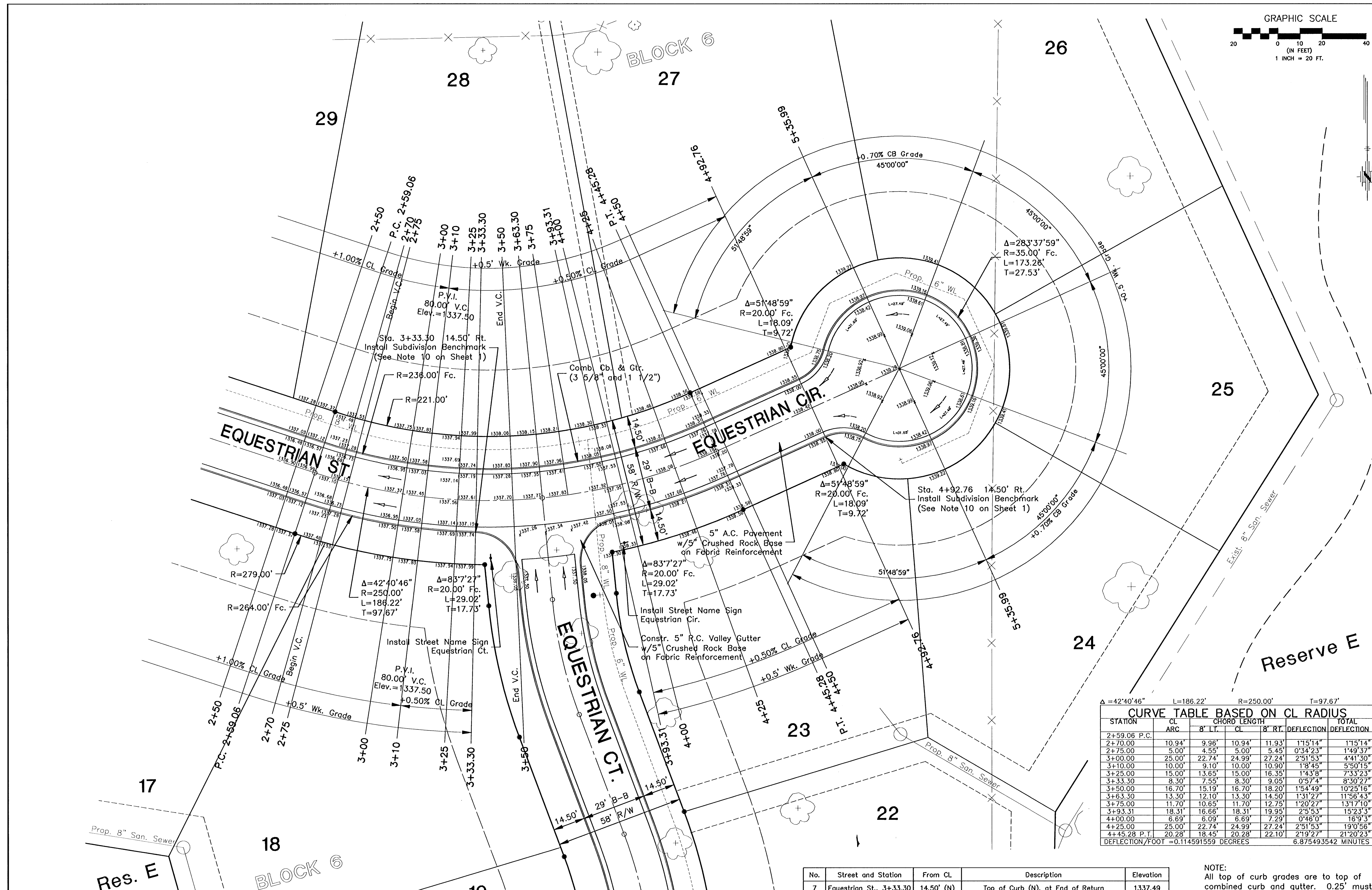


CURVE TABLE BASED ON CL RADIUS						
STATION	CL ARC	CHORD LENGTH	DEFLECTION	DEFLECTION	DEFLECTION	TOTAL
2+59.06 P.C.	10.94'	9.96'	10.94'	11.93'	1'15'14"	1'15'14"
2+70.00	5.00'	4.55'	5.00'	5.45'	0'34'23"	1'49'37"
2+75.00	25.00'	22.74'	24.99'	27.24'	2'51'53"	4'41'30"
3+00.00	10.00'	9.10'	10.00'	10.90'	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.

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DESIGNED BY: JMU/JPD
DRAWN BY: JPD
POE JOB NO.: 1694J
DATE: January 2006

Revision
No. Date By Approved
1
2
3

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

FINAL

Sheet
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