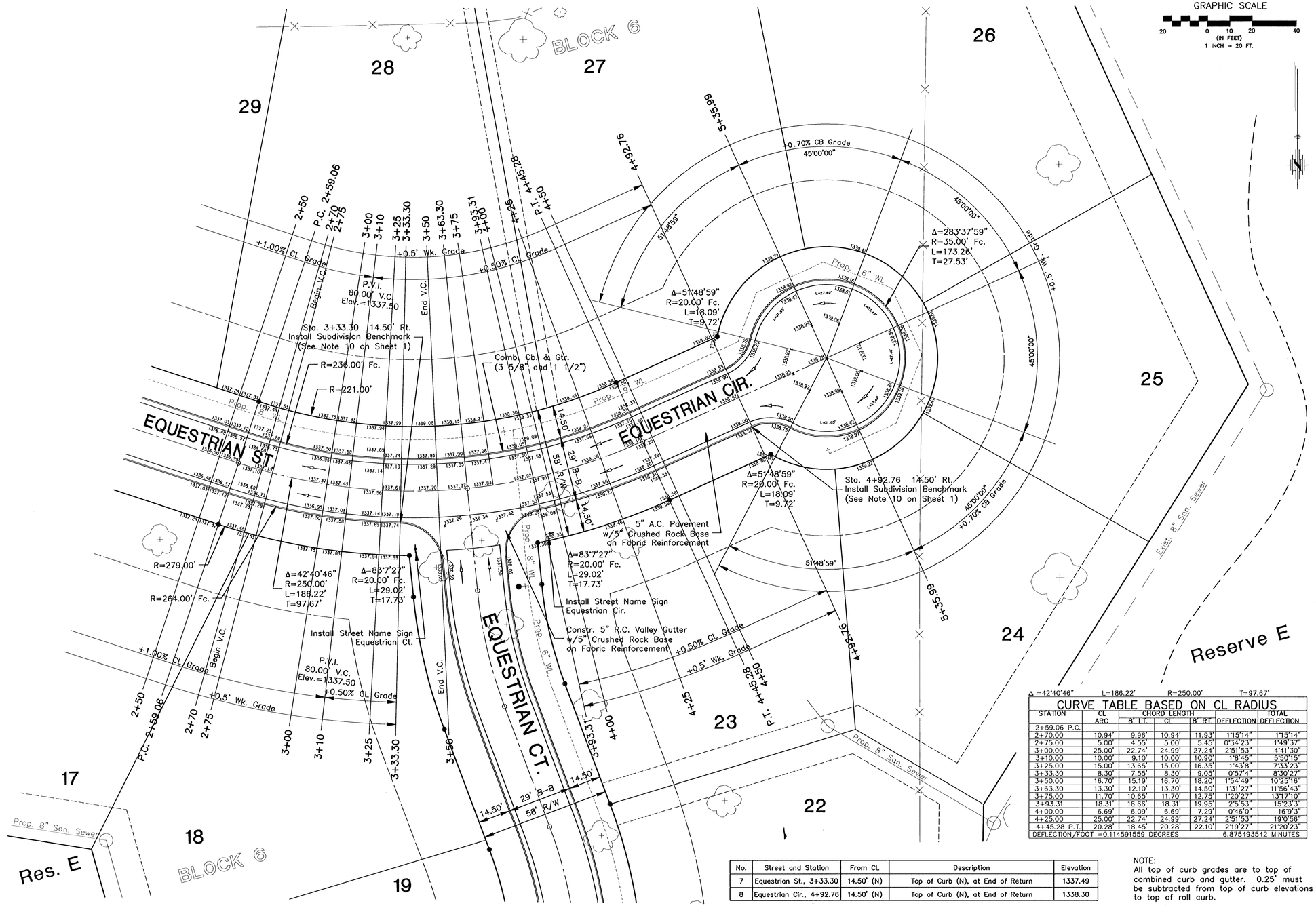


Δ =42°40'46" L=186.22' R=250.00' T=97.67'

CURVE TABLE BASED ON CL RADIUS

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

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.

No.	Date	By	Approved	Revision

EQUESTRIAN ESTATES ADDITION – PHASE 2
STREET IMPROVEMENTS
EQUESTRIAN STREET / CIRCLE
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
3940 E. Central, Suite 200 ■ Wichita, KS 67208-4242
Phone 316 685-4174 ■ FAX 316 685-4444

FINAL

Designed By: JMU/JPD
Drawn By: JPD
Poe Job No.: 1694J
Date: January 2006

Sheet
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