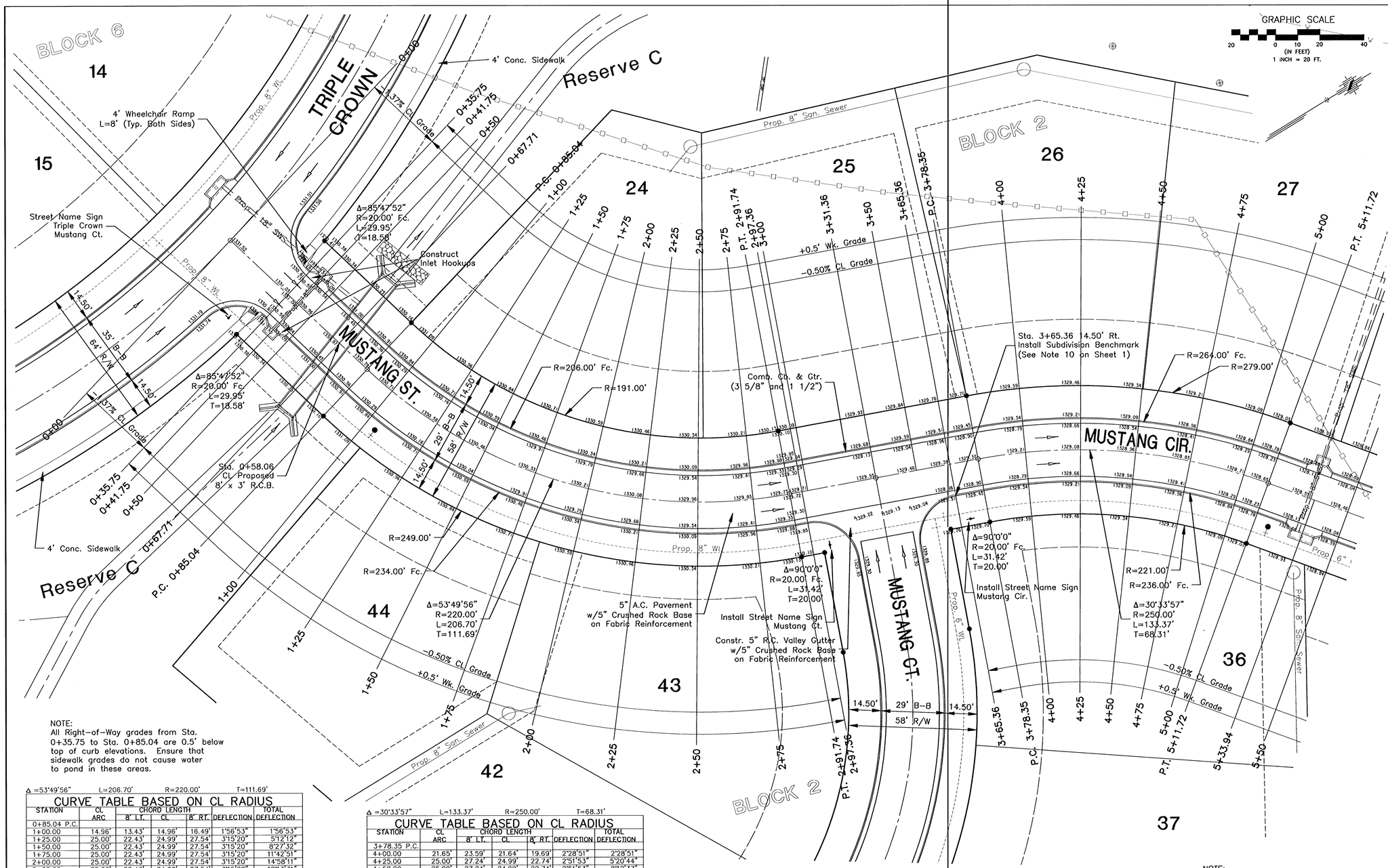


NOTE:
All Right-of-Way grades from Sta. 0+35.75 to Sta. 0+85.04 are 0.5' below top of curb elevations. Ensure that sidewalk grades do not cause water to pond in these areas.

Δ =53°49'56" L=206.70' R=220.00' T=111.69'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CHORD LENGTH CL	CHORD LENGTH 8' RT.	DEFLECTION	TOTAL DEFLECTION
0+85.04 P.C.						
1+00.00	14.96'	13.43'	14.96'	16.49'	1°56'53"	1°56'53"
1+25.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	5°12'12"
1+50.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	8°27'32"
1+75.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	11°42'51"
2+00.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	14°58'11"
2+25.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	18°13'31"
2+50.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	21°28'50"
2+75.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	24°44'10"
2+91.74 P.T.	16.74'	15.03'	16.74'	18.45'	2°10'48"	26°54'58"

DEFLECTION/FOOT =0.130217681 DEGREES 7.813060843 MINUTES

Δ =30°33'57" L=133.37' R=250.00' T=68.31'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CHORD LENGTH CL	CHORD LENGTH 8' RT.	DEFLECTION	TOTAL DEFLECTION
3+78.35 P.C.						
4+00.00	21.65'	23.59'	21.64'	19.69'	2°28'51"	2°28'51"
4+25.00	25.00'	27.24'	24.99'	22.74'	2°51'53"	5°20'44"
4+50.00	25.00'	27.24'	24.99'	22.74'	2°51'53"	8°12'37"
4+75.00	25.00'	27.24'	24.99'	22.74'	2°51'53"	11°4'31"
5+00.00	25.00'	27.24'	24.99'	22.74'	2°51'53"	13°56'24"
5+11.72 P.T.	11.72'	12.77'	11.72'	10.66'	1°20'35"	15°16'59"

DEFLECTION/FOOT =0.114591559 DEGREES 6.875493542 MINUTES

No.	Street and Station	From CL	Description	Elevation
3	Mustang Cir., 3+65.36	14.50' (E)	Top of Curb (E), at Curb Return	1329.26

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
MUSTANG STREET / CIRCLE
CITY OF WICHITA, KANSAS
JAMES L. ARMOUR, P.E. - CITY ENGINEER
C.O.W. Project # 472-83430 O.C.A. # 765869

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

Sheet
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