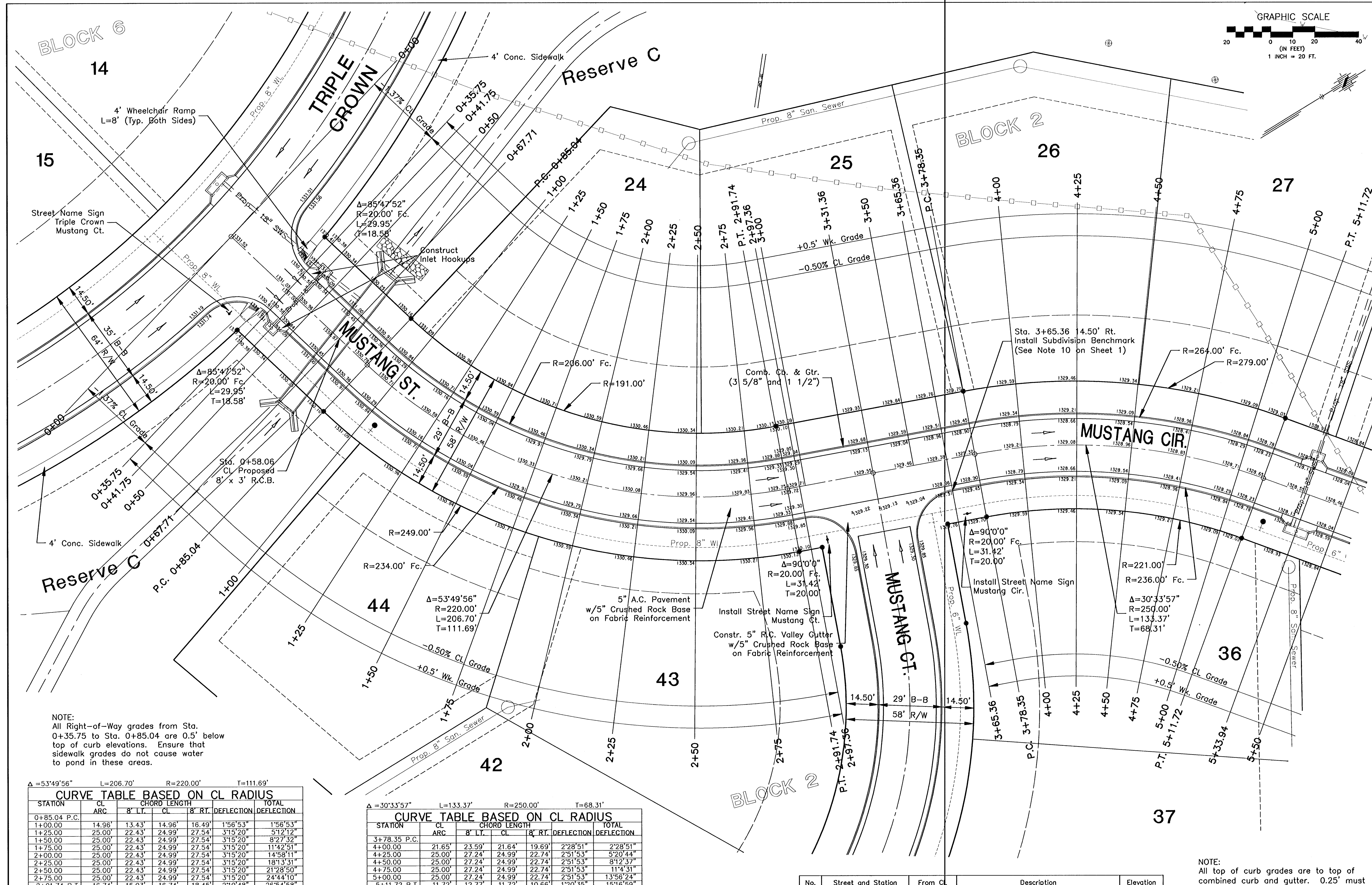


NOTE:
All Right-of-Way grades from Sta.
0+35.75 to Sta. 0+85.04 are 0.5' below
top of curb elevations. Ensure that
sidewalk grades do not cause water
to pond in these areas.

Δ=53°49'56" L=206.70' R=220.00' T=111.69'						
CURVE TABLE BASED ON CL RADIUS						
STATION	CL	CHORD LENGTH		8' RT. DEFLECTION		TOTAL
ARC	8' LT.	CL	8' RT.	DEFLECTION	DEFLECTION	
0+85.04 P.C.	14.96'	13.43'	14.96'	16.49'	1°56'53"	1°56'53"
1+00.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	5°12'12"
1+25.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	8°27'32"
1+50.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	11°42'51"
1+75.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	14°58'11"
2+00.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	18°13'31"
2+25.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	21°28'50"
2+50.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	24°44'10"
2+75.00	25.00'	22.43'	24.99'	27.54'	3°15'20"	27°59'30"
3+00.00 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	CHORD LENGTH		8' RT. DEFLECTION		TOTAL
ARC	8' LT.	CL	8' RT.	DEFLECTION	DEFLECTION	
3+78.35 P.C.	21.65'	23.59'	21.64'	19.69'	2°28'51"	2°28'51"
4+00.00	25.00'	27.24'	24.99'	22.74'	2°51'53"	5°20'44"
4+25.00	25.00'	27.24'	24.99'	22.74'	2°51'53"	8°12'37"
4+50.00	25.00'	27.24'	24.99'	22.74'	2°51'53"	11°04'31"
4+75.00	25.00'	27.24'	24.99'	22.74'	2°51'53"	13°56'24"
5+00.00	25.00'	27.24'	24.99'	22.74'	2°51'53"	16°48'17"
5+25.00 P.T.	11.72'	12.77'	11.72'	10.68'	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.

POE & ASSOCIATES, INC.
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Phone 316/685-4114 • FAX 316/685-4444

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

DATE: 1/20/06

REVISIONS

No.	Date	By	Approved
1			
2			
3			

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

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