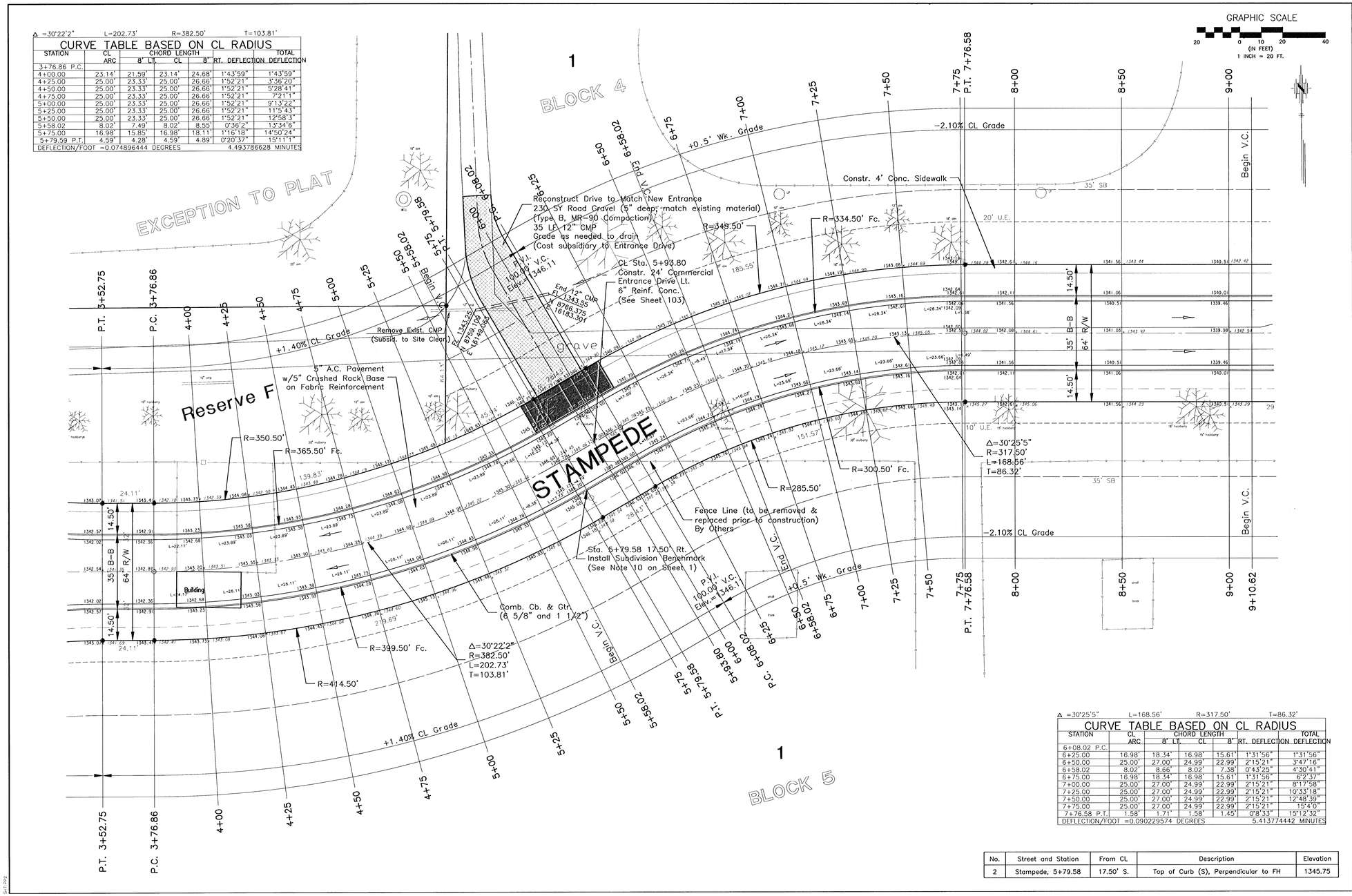


Δ =30°22'2" L=202.73' R=382.50' T=103.81'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CHORD LENGTH CL	CHORD LENGTH 8' RT.	DEFLECTION	TOTAL DEFLECTION
3+76.86 P.C.						
4+00.00	23.14'	21.59'	23.14'	24.68'	1°43'59"	1°43'59"
4+25.00	25.00'	23.33'	25.00'	26.66'	1°52'21"	3°36'20"
4+50.00	25.00'	23.33'	25.00'	26.66'	1°52'21"	5°28'41"
4+75.00	25.00'	23.33'	25.00'	26.66'	1°52'21"	7°21'1"
5+00.00	25.00'	23.33'	25.00'	26.66'	1°52'21"	9°13'22"
5+25.00	25.00'	23.33'	25.00'	26.66'	1°52'21"	11°5'43"
5+50.00	25.00'	23.33'	25.00'	26.66'	1°52'21"	12°58'3"
5+58.02	8.02'	7.49'	8.02'	8.55'	0°36'2"	13°34'6"
5+75.00	16.98'	15.85'	16.98'	18.11'	1°16'18"	14°50'24"
5+79.59 P.T.	4.59'	4.28'	4.59'	4.89'	0°20'37"	15°11'1"
DEFLECTION/FOOT =0.074896444 DEGREES						4.493786628 MINUTES

Δ =30°25'5" L=168.56' R=317.50' T=86.32'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CHORD LENGTH CL	CHORD LENGTH 8' RT.	DEFLECTION	TOTAL DEFLECTION
6+08.02 P.C.						
6+25.00	16.98'	18.34'	16.98'	15.61'	1°31'56"	1°31'56"
6+50.00	25.00'	27.00'	24.99'	22.99'	2°15'21"	3°47'16"
6+58.02	8.02'	8.66'	8.02'	7.38'	0°43'25"	4°30'41"
6+75.00	16.98'	18.34'	16.98'	15.61'	1°31'56"	6°2'37"
7+00.00	25.00'	27.00'	24.99'	22.99'	2°15'21"	8°17'58"
7+25.00	25.00'	27.00'	24.99'	22.99'	2°15'21"	10°33'18"
7+50.00	25.00'	27.00'	24.99'	22.99'	2°15'21"	12°48'39"
7+75.00	25.00'	27.00'	24.99'	22.99'	2°15'21"	15°4'0"
7+76.58 P.T.	1.58'	1.71'	1.58'	1.45'	0°8'33"	15°12'32"
DEFLECTION/FOOT =0.090229574 DEGREES						5.413774442 MINUTES

No.	Street and Station	From CL	Description	Elevation
2	Stampede, 5+79.58	17.50' S.	Top of Curb (S), Perpendicular to FH	1345.75

No.	Date	By	Approved	Revision

EQUESTRIAN ESTATES – PHASE 1
STREET IMPROVEMENTS
STAMPEDE
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. – CITY ENGINEER
C.O.W. Project # 472-83424 O.C.A. # 785705

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

FINAL

Designed By: J. Ubert / J. Dickman
Drawn By: J. Dickman
Poe Job No.: 1694A
Date: March 2002

Sheet
5 of 112

G:\APS\DCA\APL694\BASE-ST.dwg Fri Mar 22 09:25:11 2002 Bernard Kulla - POE & ASSOCIATES OF KANSAS INC.