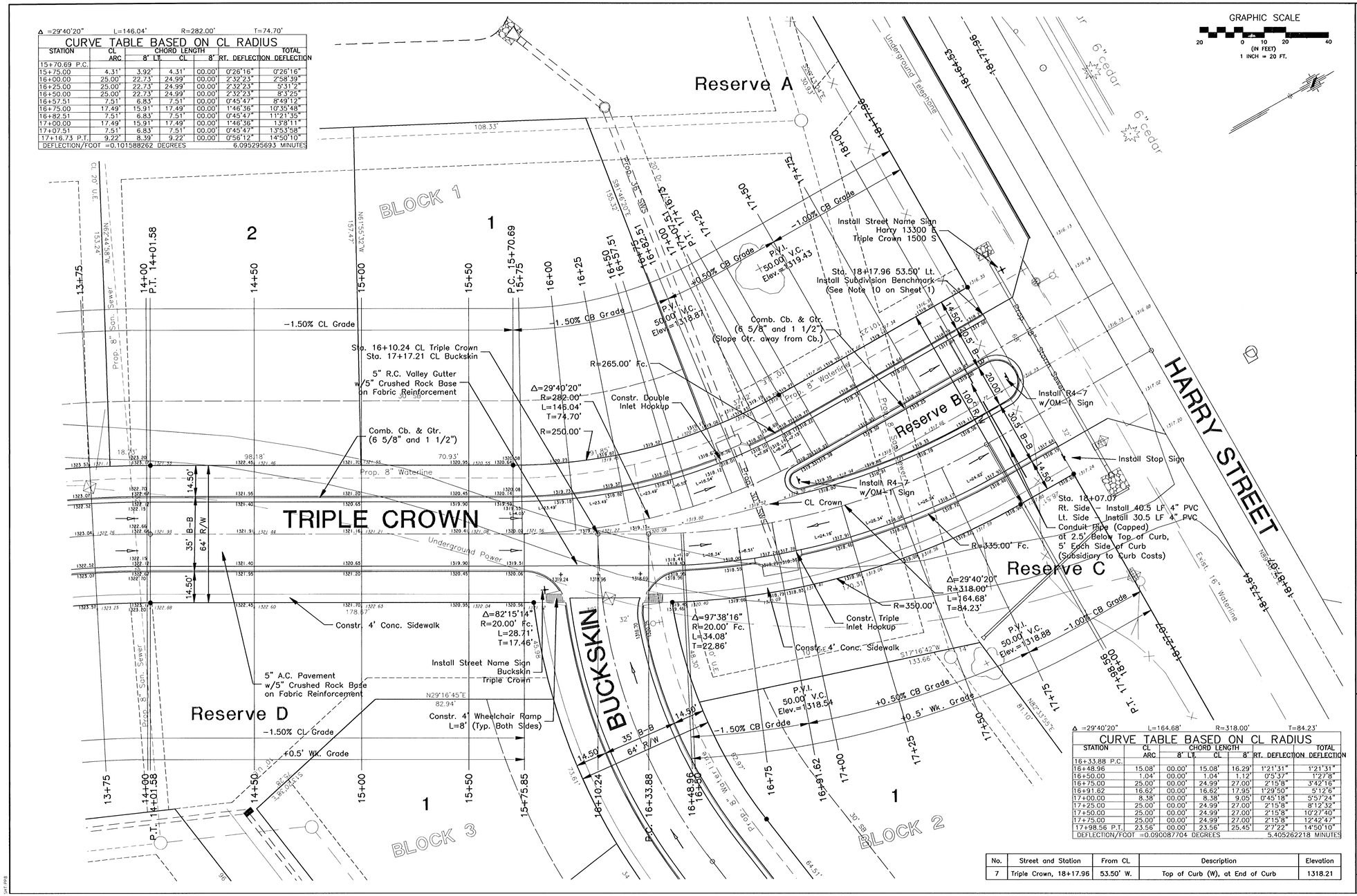

Δ =29°40'20" L=146.04' R=282.00' T=74.70'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8" LT.	CL	8" RT.	DEFLECTION	TOTAL DEFLECTION
15+70.69 P.C.						
15+75.00	4.31'	3.92'	4.31'	00.00'	0°26'16"	0°26'16"
16+00.00	25.00'	22.73'	24.99'	00.00'	2°32'23"	2°58'39"
16+25.00	25.00'	22.73'	24.99'	00.00'	2°32'23"	5°31'02"
16+50.00	25.00'	22.73'	24.99'	00.00'	2°32'23"	8°3'25"
16+57.51	7.51'	6.83'	7.51'	00.00'	0°45'47"	8°49'12"
16+75.00	17.49'	15.91'	17.49'	00.00'	1°46'36"	10°35'48"
16+82.51	7.51'	6.83'	7.51'	00.00'	0°45'47"	11°21'35"
17+00.00	17.49'	15.91'	17.49'	00.00'	1°46'36"	13°8'11"
17+07.51	7.51'	6.83'	7.51'	00.00'	0°45'47"	13°53'58"
17+16.73 P.T.	9.22'	8.39'	9.22'	00.00'	0°56'12"	14°50'10"

DEFLECTION/FOOT =0.101588262 DEGREES 6.095295693 MINUTES

Δ =29°40'20" L=164.68' R=318.00' T=84.23'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8" LT.	CL	8" RT.	DEFLECTION	TOTAL DEFLECTION
16+33.88 P.C.						
16+48.96	15.08'	00.00'	15.08'	16.29'	1°21'31"	1°21'31"
16+50.00	1.04'	00.00'	1.04'	1.12'	0°5'37"	1°27'8"
16+75.00	25.00'	00.00'	24.99'	27.00'	2°15'8"	3°42'16"
16+91.62	16.62'	00.00'	16.62'	17.95'	1°29'50"	5°12'6"
17+00.00	8.38'	00.00'	8.38'	9.05'	0°45'18"	5°57'24"
17+25.00	25.00'	00.00'	24.99'	27.00'	2°15'8"	8°12'32"
17+50.00	25.00'	00.00'	24.99'	27.00'	2°15'8"	10°27'40"
17+75.00	25.00'	00.00'	24.99'	27.00'	2°15'8"	12°42'47"
17+98.56 P.T.	23.56'	00.00'	23.56'	25.45'	2°7'22"	14°50'10"

DEFLECTION/FOOT =0.090087704 DEGREES 5.405262218 MINUTES

No.	Street and Station	From CL	Description	Elevation
7	Triple Crown, 18+17.96	53.50' W.	Top of Curb (W), at End of Curb	1318.21

EQUESTRIAN ESTATES - PHASE 1
STREET IMPROVEMENTS
TRIPLE CROWN
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
C.O.W. Project # 472-83424 O.C.A. # 765705

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 11 of 112

G:\APPLOCA\PWGSA\BASE-ST.dwg Thu Mar 28 13:59:28 2002 James Ubert - Poe & Associates of Kansas, Inc.