BENCHMARK:
BM #1: "□" Cut in middle of N headwall of RCBC on 21st St. North. 1004.3' W & 22.1' N of SE Cor., SE1/4, Sec. 2, T-27-S, R-2-E.
Elev. = 173.23 City Datum

BM #2: "□" Cut at the SE corner of the intersection of Castle Rock & Castle Rock Ct., Krug North Addition.
Elev. = 183.50 City Datum

Scale: 1" = 20'
• = Iron

P.V.I. Elev. = 192.65 30' V.C.

Sta 0+00

Sta 0+46.60

P.V.I. Elev. = 191.00 No V.C.

Sta 1+41.29

P.V.I. Elev. = 190.40 No V.C.

Sta 2+17.21

P.V.I. Elev. = 189.30 No V.C.

Sta 4+02.63-PRC

Match Point

-1.054%

-0.522%

-0.790%

-0.587%

-0.871%

-0.537%

-0.613%

-0.618%

-1.054%

42°01'26"

45°00'00"

45°00'00"

45°00'00"

42°01'26"

KRUG NORTH 2ND ADDITION

AYESBURY

CAMDEN CHASE CT.

CAMDEN

CHASE

10' Util. Esmt.

Construct std. type A wheel chair ramp with detectable warning (both sides) (See detail, sheet 5)

Valve Box Elev. = 191.10

Construct 5" A.C. pavement W/ 5" reinf. rock base.

Construct std. comb. roll type curb & gutter (3-5/8")

Construct 4' wide sidewalk

Valve Box Elev. = 190.10

Prop. 4" Walk

Ex. 6" W

Ex. 8" W

Proposed Pvm't

BL Sta 0+38.42-PC

Curve #6

R=1532'

R=1517'

R=1500'

R=1483'

R=1,468'

R=35' (Fc)

R=20' (Fc)

R=203' (Fc)

34' Fc-Fc

64' R/W

54' Fc-Fc

64' R/W

Sta 1+44.00, 26' Rt. Install std. D3 (SNS) ass'y as per City specs. Camden Chase Ct".

Valve Box Elev. = 192.00

Iron @ BL Sta 1+46.70

Sta 2+20.00, 26' Rt. Install std. D3 (SNS) ass'y as per City specs. "Ayesbury" & "Camden Chase".

Iron @ BL Sta 2+12.13

Transition from roll (3-5/8") curb to full height (6-5/8") curb through wheelchair ramp (north side) and return radius (south side).

Sta 3+00.66, 17.25' Lt. Install subdivision benchmark (Flat survey marker No. 8134-08 3" top diameter) in top of curb. Cost shall be incidental to L.F. curb & gutter.

Sta 1+41.29

Sta 1+80.45 = ℄ Camden Chase

Sta 2+17.21

Sta 0+00

Sta 0+47.14

Sta 4+02.63-PRC

P.V.I. Elev. = 189.30 No V.C.

Curve #6
Curve Data Based on Centerline
Rad. = 1500' Delta = 13° 38' 41" Tangent = 179.46'
Arc = 357.22' L.C. = 356.37' Def/Ft. = 1.14591 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+45.41	–	–	–	0°00'00"	0°00'00"
0+45.92	0.51'	0.52'	0.50'	0°00'35"	0°00'35"
0+47.73	1.81'	1.84'	1.78'	0°02'04"	0°02'39"
0+50.00	2.27'	2.31'	2.23'	0°02'36"	0°05'15"
0+75.00	25.00'	25.42'	24.58'	0°28'39"	0°33'54"
1+00.00	25.00'	25.42'	24.58'	0°28'39"	1°02'33"
1+25.00	25.00'	25.42'	24.58'	0°28'39"	1°31'12"
1+41.29	16.29'	16.56'	16.02'	0°18'40"	1°49'52"
1+80.45	39.16'	39.81'	38.51'	0°44'52"	2°34'44"
2+17.21	36.78'	37.37'	36.15'	0°42'07"	3°16'52"
2+25.00	7.79'	7.92'	7.66'	0°08'55"	3°25'47"
2+50.00	25.00'	25.42'	24.58'	0°28'39"	3°54'26"
2+75.00	25.00'	25.42'	24.58'	0°28'39"	4°23'05"
3+00.00	25.00'	25.42'	24.58'	0°28'39"	4°51'44"
3+25.00	25.00'	25.42'	24.58'	0°28'39"	5°20'23"
3+50.00	25.00'	25.42'	24.58'	0°28'39"	5°49'02"
3+75.00	25.00'	25.42'	24.58'	0°28'39"	6°17'41"
4+00.00	25.00'	25.42'	24.58'	0°28'39"	6°46'19"
4+02.63	2.63'	2.67'	2.59'	0°03'01"	6°49'20"

NOTE: ROLL TYPE CURB & GUTTER TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB.

Baughman

KRUG NORTH 2ND/KRUG NORTH ADD. - PH. II
AYESBURY & CAMDEN CHASE CT.
STA 0+00 TO STA 4+02.63

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-83914
REVISIONS:
DESIGN TMS
DRAWN
APPROVED
DATE 09/05
SCALE Noted
SHEET 11 OF 44

KrugNorth2nd\Phase1\Sht6 05-04-E231