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. = 188.10 52.12' V.C.
P.V.I. Elev. = 187.80 No V.C.
P.V.I. Elev. = 187.80 52.12' V.C.
P.V.I. Elev. = 185.90 40' V.C.

Sta 4+93.31 Match Point
Sta 5+58.22-PC
Sta 6+25.00
Sta 6+50.00
Sta 6+75.00
Sta 7+25.00
Sta 7+56.00
Sta 7+66.85
Sta 8+00.76-PRC Ⓒ AYESBURY
Sta 8+40.22 Match Point

+1.338% +1.151% -1.151% -3.645% -1.238% +1.344%

CAUTION!
Ex. 8" high pressure Kaneb Gas line crossing. Contact J.B. Smith at (316)734-1223 prior to construction across pipeline easement.

Ex. 8" high pressure Kaneb Gas

50' PIPELINE SETBACK

Adjust Manhole Top From Elev. = 186.00 To Elev. = 187.00

Adjust Manhole Top From Elev. = 186.20 To Elev. = 187.95

Construct 4' wide sidewalk

Prop. 4' Walk

Ex. 15" UM Esmt.

Iron @ BL Sta 7+52.76

Sta 8+26.00, 36' Lt. Install std. D3 (SNS) ass'y as per City specs. "Castle Rock" & "Ayesbury".

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

Valve Box Elev. = 185.90

Construct 7" reinforced concrete valley gutter pavement with monolithic curb (3-5/8")

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

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

Manhole Top Elev. = 187.22

Construct std. type 1A inlet hookups & inlet sediment barriers, both sides (See detail, sheet 28)

BURNING TREE

KRUG NORTH 2ND ADDITION

KRUG NORTH ADDITION

CASTLE ROCK

AYESBURY

RES. "D"

Curve #2

Curve Data Based on Centerline
Rad. = 400' Delta = 34° 44' 31" Tangent = 125.13'
Arc = 242.54' L.C. = 238.85' Def/Ft. = 4.29726 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
5+58.22	--	--	--	0°00'00"	0°00'00"
5+75.00	16.78'	17.83'	15.73'	1°12'06"	1°12'06"
6+00.00	25.00'	26.56'	23.43'	1°47'26"	2°59'32"
6+25.00	25.00'	26.56'	23.43'	1°47'26"	4°46'58"
6+50.00	25.00'	26.56'	23.43'	1°47'26"	6°34'24"
6+75.00	25.00'	26.56'	23.43'	1°47'26"	8°21'50"
7+00.00	25.00'	26.56'	23.43'	1°47'26"	10°09'16"
7+25.00	25.00'	26.56'	23.43'	1°47'26"	11°56'42"
7+50.00	25.00'	26.56'	23.43'	1°47'26"	13°44'08"
7+66.85	16.85'	17.90'	15.80'	1°12'24"	14°56'32"
8+00.76	33.91'	36.02'	31.78'	2°25'43"	17°22'15"

P.V.I. Elev. = 186.60 No V.C.
P.V.I. Elev. = 186.86 No V.C.
P.V.I. Elev. = 187.80 No V.C.
P.V.I. Elev. = 188.10 47.88' V.C.
P.V.I. Elev. = 187.80 47.88' V.C.
P.V.I. Elev. = 185.90 47.88' V.C.
P.V.I. Elev. = 185.40 47.88' V.C.
P.V.I. Elev. = 185.90 No V.C.

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
CASTLE ROCK
STA 4+93.31 TO STA 8+40.22

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.262.7771 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-83974
REVISIONS:
DESIGN
DRAWN TMS
APPROVED
DATE 09/05
SCALE Noted
SHEET **7** OF **44**

KrugNorth2nd\Phase1\Str2 05-04-E231