

BENCHMARK:
 BM #1: "X" Cut in middle of
 N headwall of RCBG 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: "X" Cut at the SE
 corner of the intersection of
 Castle Rock & Castle Rock Ct.,
 Krug North Addition.
 Elev. = 183.50 City Datum

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.

Scale: 1" = 20'
 * = Iron

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

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

Adjust Manhole Top
 From Elev. = 188.00
 To Elev. = 187.00

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

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

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

RES. "D"

KRUG NORTH
 ADDITION

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	8' Lt.	8' Rt.	Def.	T. Def.
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. = 185.40
 47.88' V.C.
 P.V.I.
 Elev. = 185.90
 47.88' V.C.

P.V.I.
 Elev. = 185.90
 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
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER
 47283974

DESIGN
 TMS

APPROVED
 DATE
 09/05

SCALE
 Noted
 SHEET

7 OF 44

KrugNorth2nd\Phase1\Str2 05-04-E231