

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"

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. = 185.90
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
Baughman Company, P.A. 315 Elm St., Woburn, MA 01801 P: 617.363.2711 F: 617.363.2149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER
47283974

DESIGN
TMS

APPROVED
DATE
09/05

SCALE
Noted
SHEET

7 OF 44

KrugNorth2nd\Phase1\Sta2 05-04-E231