

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

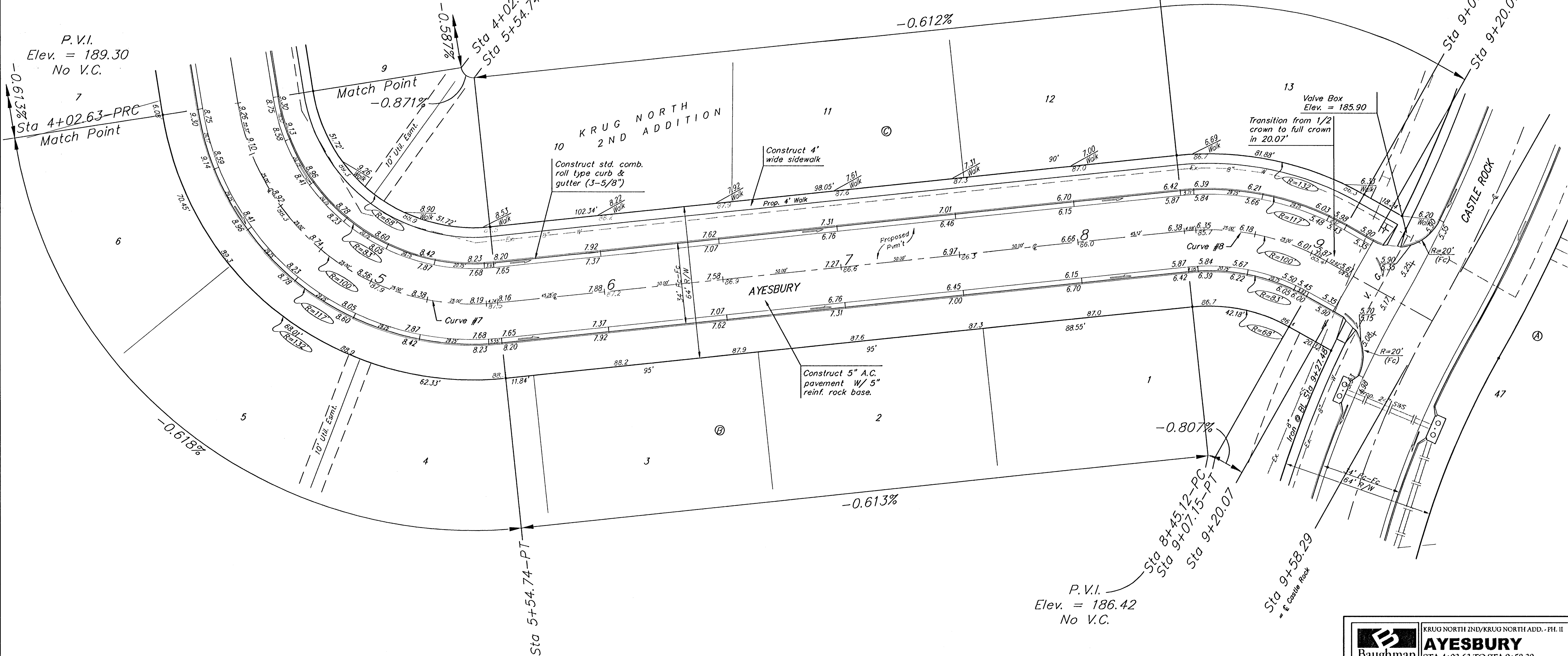
P.V.I.
Elev. = 189.30
No V.C.

P.V.I.
Elev. = 188.20
No V.C.

Curve #7					
Curve Data Based on Centerline					
Rad. = 100' Delta = 87°09'18" Tangent = 95.15'					
Arc = 152.11' L.C. = 137.87' Def/Ft. = 17.18921 Min.					
Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
4+02.63	—	—	—	0°00'00"	0°00'00"
4+25.00	22.37'	16.74'	27.90'	6°24'31"	6°24'31"
4+50.00	25.00'	18.70'	31.17'	7°09'44"	13°34'15"
4+75.00	25.00'	18.70'	31.17'	7°09'44"	20°43'59"
5+00.00	25.00'	18.70'	31.17'	7°09'44"	27°53'43"
5+25.00	25.00'	18.70'	31.17'	7°09'44"	35°03'26"
5+50.00	25.00'	18.70'	31.17'	7°09'44"	42°13'10"
5+54.74	4.74'	3.55'	5.92'	1°21'28"	43°34'39"

Scale: 1" = 20'
• = Iron

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



P.V.I.
Elev. = 188.20
No V.C.

Curve #8					
Curve Data Based on Centerline					
Rad. = 100' Delta = 35°32'25" Tangent = 32.05'					
Arc = 62.03' L.C. = 61.04' Def/Ft. = 17.18859 Min.					
Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
8+45.12	—	—	—	0°00'00"	0°00'00"
8+50.00	4.88'	6.10'	3.66'	1°23'53"	1°23'53"
8+75.00	25.00'	31.17'	18.70'	7°09'43"	8°33'36"
9+07.15	32.15'	40.01'	24.01'	9°12'37"	17°46'12"

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.



AYESBURY
STA 4+02.63 TO STA 9+58.29

Baughman Company, P.A. 315 Ellis St. Woburn, MA 01801 P 316-262-7271 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER
47283974

REVISIONS

DESIGN
TMS

DRAWN
TMS

APPROVED
DATE
09/05

SCALE
Noted

SHEET
12 OF **44**

KrugNorth2nd\FPhaseI\Sst705-04-E231