

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

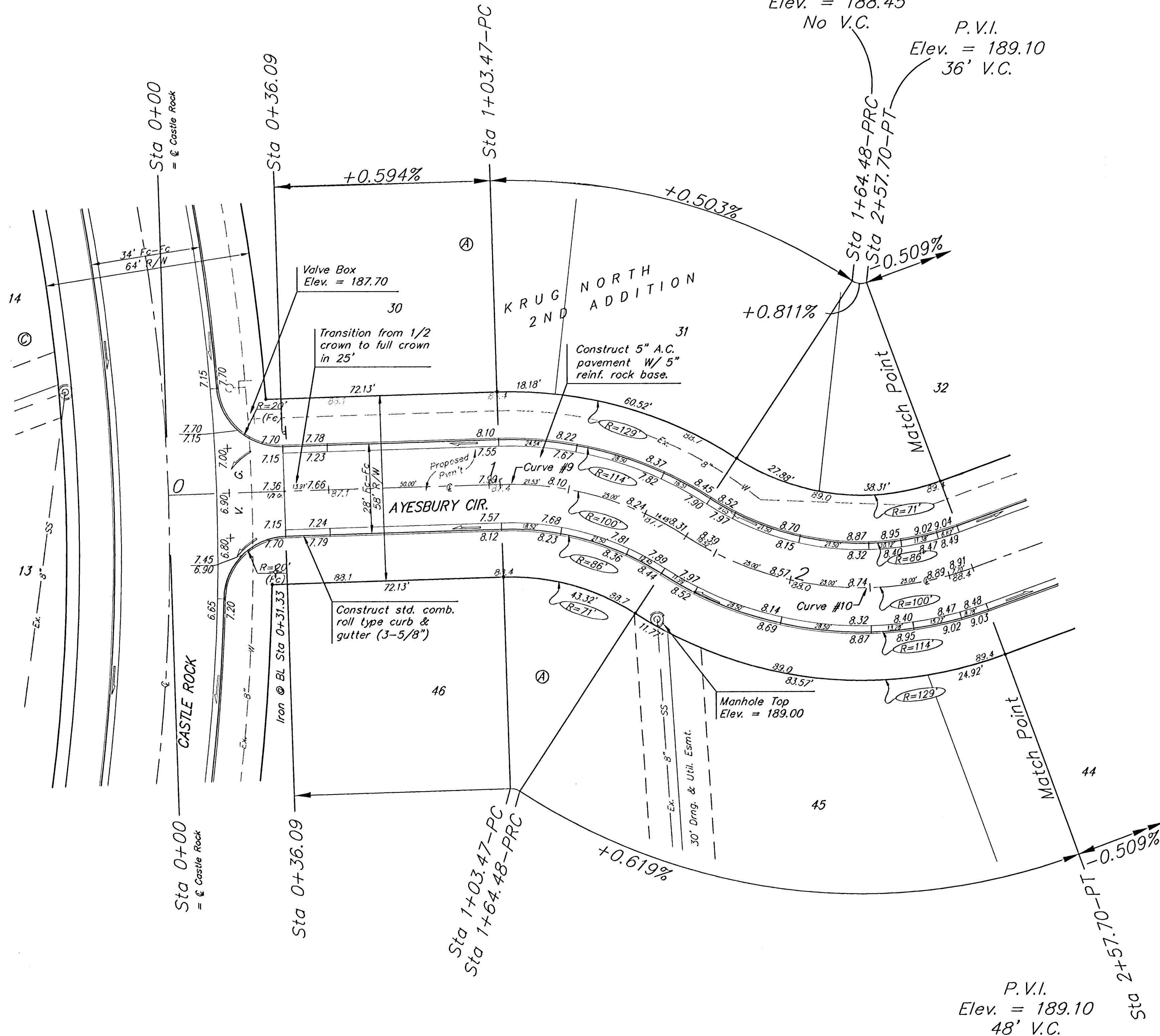
BM #2: "□" Cut at the SE
corner of the intersection of
Castle Rock & Castle Rock Ct.,
Krug North Addition.
Elev. = 183.50 City Datum

P.V.I.
Elev. = 188.10
No V.C.

P.V.I.
Elev. = 188.45
No V.C.

P.V.I.
Elev. = 189.10
36' V.C.

Scale: 1" = 20'
• = Iron



Curve #9
Curve Data Based on Centerline
Rad. = 100' Delta = 34° 57' 29" Tangent = 31.49'
Arc = 61.01' L.C. = 60.07' Def/Ft. = 17.18967 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		B' Lt.	B' Rt.		
1+03.47	-	-	-	0'00'00"	0'00'00"
1+25.00	21.53'	26.22'	16.76'	6'10'05"	6'10'05"
1+50.00	25.00'	30.42'	19.45'	7'09'44"	13'19'50"
1+64.48	14.48'	17.65'	11.29'	4'08'54"	17'28'44"

Curve #10
Curve Data Based on Centerline
Rad. = 100' Delta = 53° 24' 45" Tangent = 50.31'
Arc = 93.22' L.C. = 89.88' Def/Ft. = 17.18918 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		B' Lt.	B' Rt.		
1+64.48	-	-	-	0'00'00"	0'00'00"
1+25.00	10.52'	8.20'	12.83'	3'00'50"	3'00'50"
2+00.00	25.00'	19.45'	30.42'	7'09'44"	10'10'33"
2+25.00	25.00'	19.45'	30.42'	7'09'44"	17'20'17"
2+57.70	32.70'	25.39'	39.72'	9'22'05"	26'42'22"

P.V.I.
Elev. = 189.10
48' 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	
AYESBURY CIR.		STA 0+00 TO STA 2+57.70	
Baughman Company, P.A. 315 Elm St., Woburn, MA 01801 P: 316.363.0111 F: 316.363.0119 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE			
PROJECT NUMBER 47283974	DESIGN TMS	DRAWN TMS	
REVISIONS:	APPROVED	DATE 09/05	
	SCALE Noted		
	SHEET		
	14 OF 44		
KrugNorth2nd\Phase1\Su9		05-04-E231	