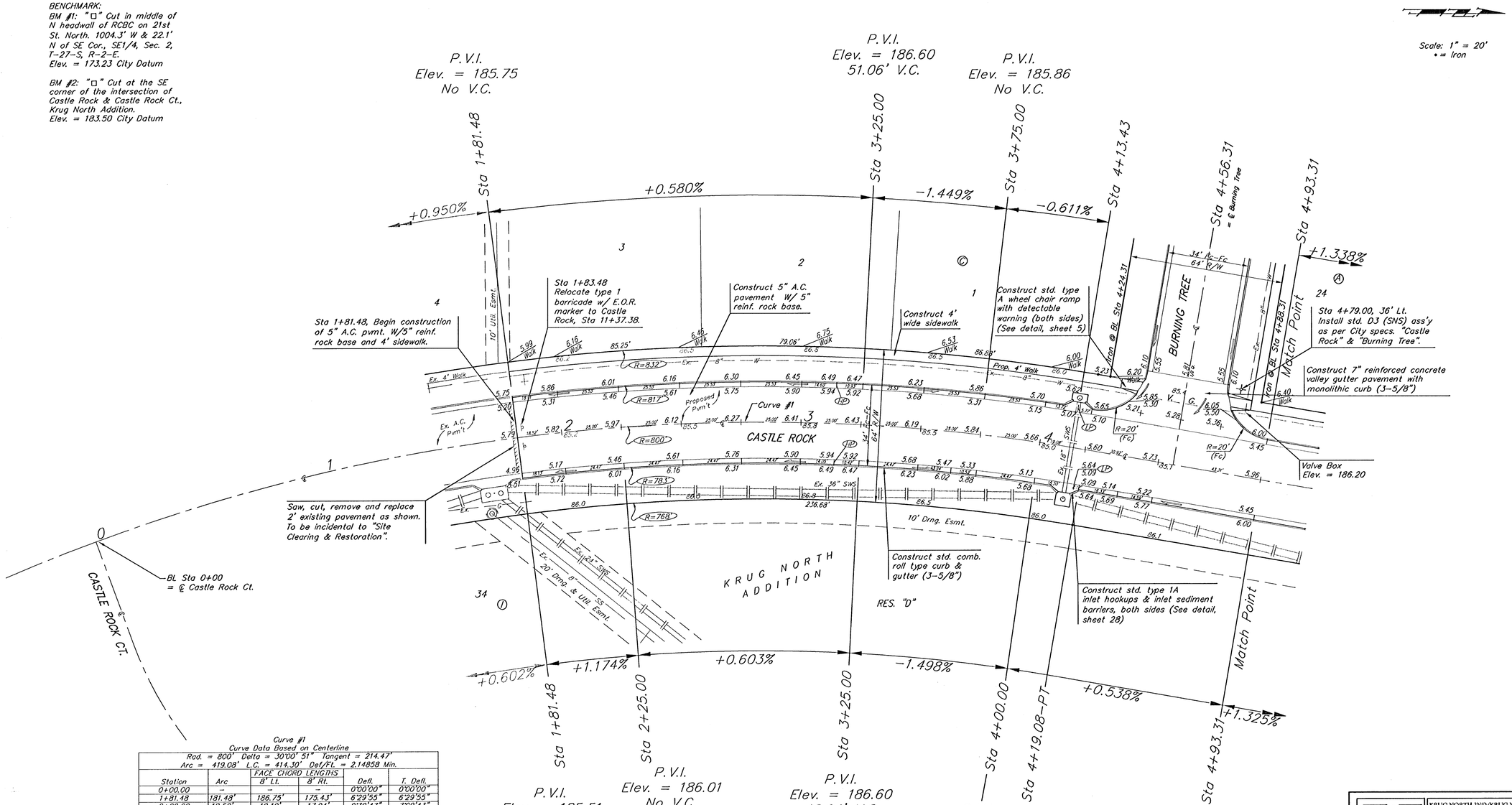
BENCHMARK:
BM #1: "□" Cut in middle of N headwall of RCBC on 21st St. North. 1004.3' W & 22.1' N of SE Cor., SE1/4, Sec. 2, T-27-S, R-2-E.
Elev. = 173.23 City Datum

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



Curve #1
Curve Data Based on Centerline
Rad. = 800' Delta = 30°00' 51" Tangent = 214.47'
Arc = 419.08' L.C. = 414.30' Det/Ft. = 2.14858 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+00.00	--	--	--	0°00'00"	0°00'00"
1+81.48	181.48'	186.75'	175.43'	6°29'55"	6°29'55"
2+00.00	18.52'	19.10'	17.94'	0°39'47"	7°09'43"
2+25.00	25.00'	25.78'	24.22'	0°53'43"	8°03'26"
2+50.00	25.00'	25.78'	24.22'	0°53'43"	8°57'08"
2+75.00	25.00'	25.78'	24.22'	0°53'43"	9°50'51"
3+00.00	25.00'	25.78'	24.22'	0°53'43"	10°44'34"
3+25.00	25.00'	25.78'	24.22'	0°53'43"	11°38'17"
3+50.00	25.00'	25.78'	24.22'	0°53'43"	12°32'00"
3+75.00	25.00'	25.78'	24.22'	0°53'43"	13°25'43"
4+00.00	25.00'	25.78'	24.22'	0°53'43"	14°19'26"
4+13.43	13.43'	13.85'	13.01'	0°28'51"	14°48'17"
4+19.08	5.65'	5.83'	5.47'	0°12'08"	15°00'25"

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 1+81.48 TO STA 4+93.31

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-83974
REVISIONS:
DESIGN
DRAWN TMS
APPROVED
DATE 09/05
SCALE Noted
SHEET 6 OF 44

KrugNorth2nd\Phase1\Sr1 05-04-E231