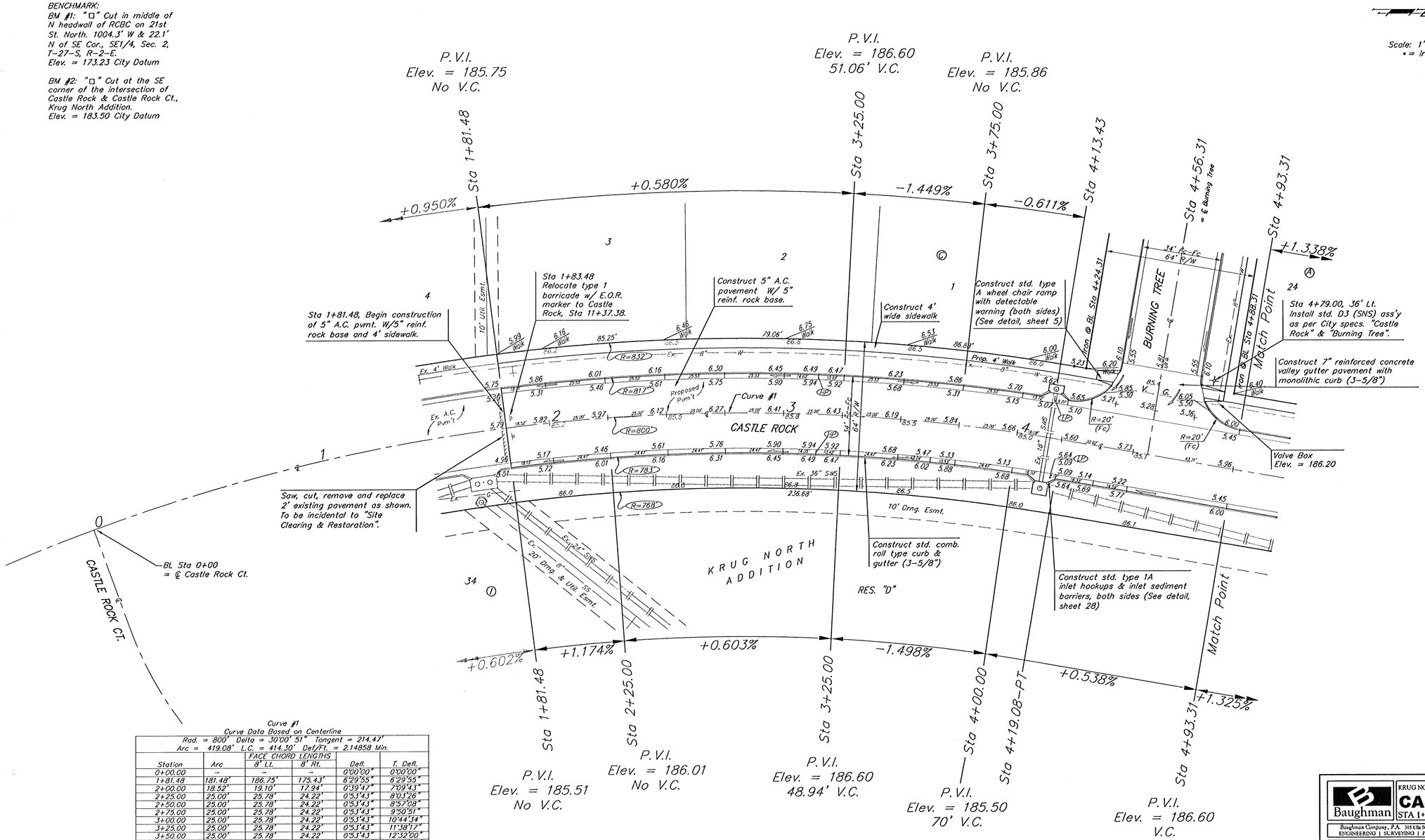
BENCHMARK:
BM #1: "□" Cut in middle of N headwall of RCBC on 21st St. North. 1004.3' W & 22.1' N of SE Cor., SE1/4, Sec. 2, T-27-S, R-2-E.
Elev. = 173.23 City Datum

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' Def/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 Ella St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE


PROJECT NUMBER 472.83974
REVISIONS
DESIGN TMS
DRAWN TMS
APPROVED
DATE 09/05
SCALE Noted
SHEET 6 OF 44

KrugNorth2nd\Phase1\Str1 05-04-E231