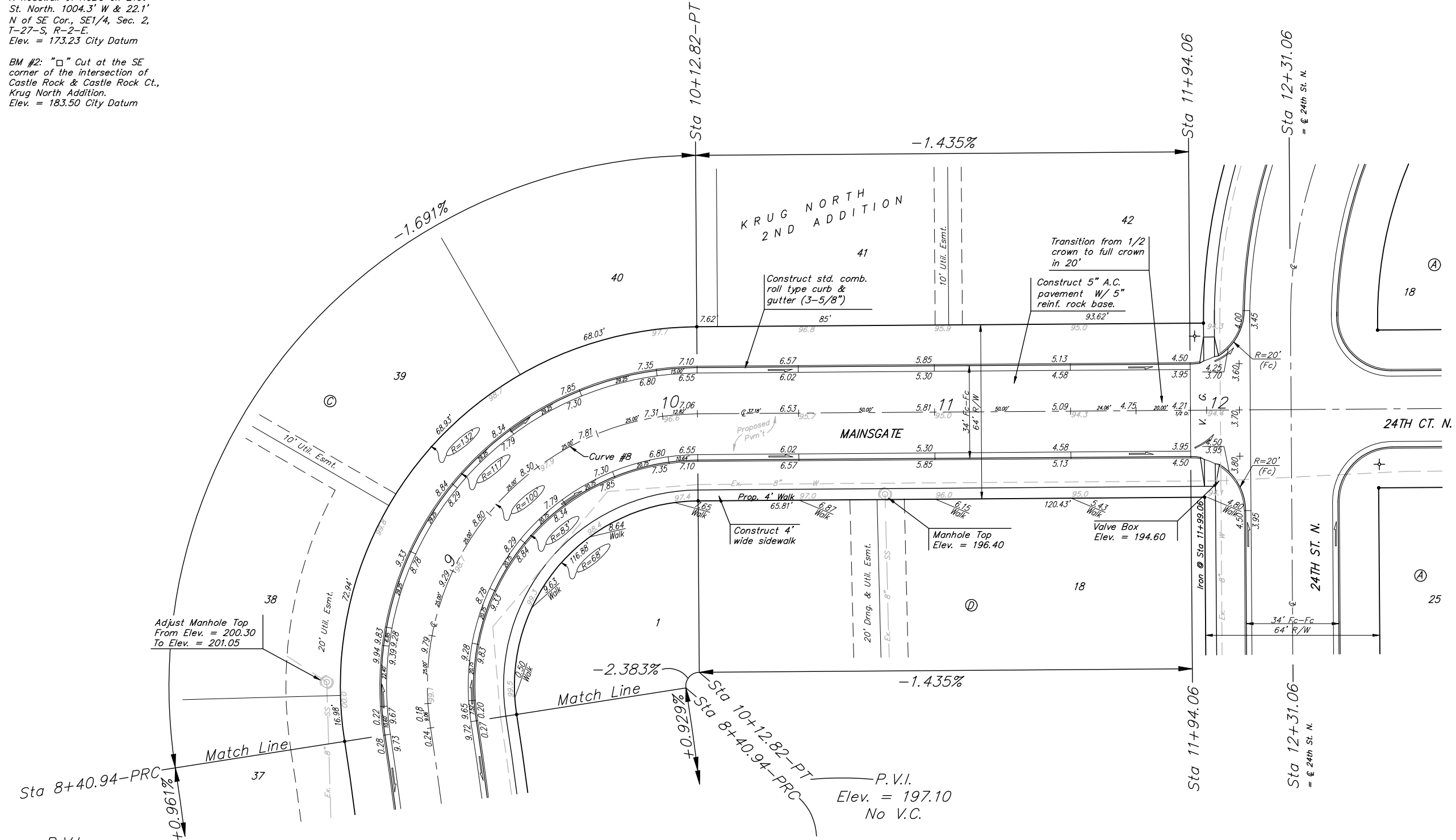


BENCHMARK:
 BM #1: "□" Cut in middle of
 N headwall of RCBC on 21st
 St. North. 1004.3' W & 22.1'
 N of SE Cor., SE1/4, Sec. 2,
 T-27-S, R-2-E.
 Elev. = 173.23 City Datum

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. = 197.10
 No V.C.

Scale: 1" = 20'
 • = Iron



P.V.I.
 Elev. = 200.50
 66' V.C.

P.V.I.
 Elev. = 197.10
 No V.C.

P.V.I.
 Elev. = 200.50
 56.54' V.C.

Curve #8
 Curve Data Based on Centerline
 Rad. = 100' Delta = 98° 28' 43" Tangent = 116.01'
 Arc = 171.88' L.C. = 151.49' Def/Ft. = 17.18850 Min.

| Station | Arc | FACE CHORD LENGTHS | | Defl. | T. Defl. |
|----------|--------|--------------------|--------|----------|-----------|
| | | 8' Lt. | 8' Rt. | | |
| 8+40.94 | - | - | - | 0°00'00" | 0°00'00" |
| 8+50.00 | 9.06' | 11.32' | 6.79' | 2°35'43" | 2°35'43" |
| 8+75.00 | 25.00' | 31.17' | 18.70' | 7°09'43" | 9°45'26" |
| 9+00.00 | 25.00' | 31.17' | 18.70' | 7°09'43" | 16°55'09" |
| 9+25.00 | 25.00' | 31.17' | 18.70' | 7°09'43" | 24°04'52" |
| 9+50.00 | 25.00' | 31.17' | 18.70' | 7°09'43" | 31°14'34" |
| 9+75.00 | 25.00' | 31.17' | 18.70' | 7°09'43" | 38°24'17" |
| 10+00.00 | 25.00' | 31.17' | 18.70' | 7°09'43" | 45°34'00" |
| 10+12.82 | 12.82' | 16.01' | 9.61' | 3°40'21" | 49°14'21" |

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.

| | | |
|-----------------------------|---|-----------------|
| | KRUG NORTH 2ND ADD. - PH. III MAINSGATE STA 8+40.94 TO STA 12+31.06 | |
| | Baughman Company, P.A. 315 Elm St. Waltham, MA 02154 P 3162627771 F 3162620149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE | |
| PROJECT NUMBER 472-84249 | DESIGN ATD | DRAWN TMS |
| REVISIONS: | APPROVED Noted | DATE 01/06 |
| SCALE Noted | | 11 OF 39 |
| KrugNorth2nd/PhaseIII/Sec6 | | 05-09-E368 |