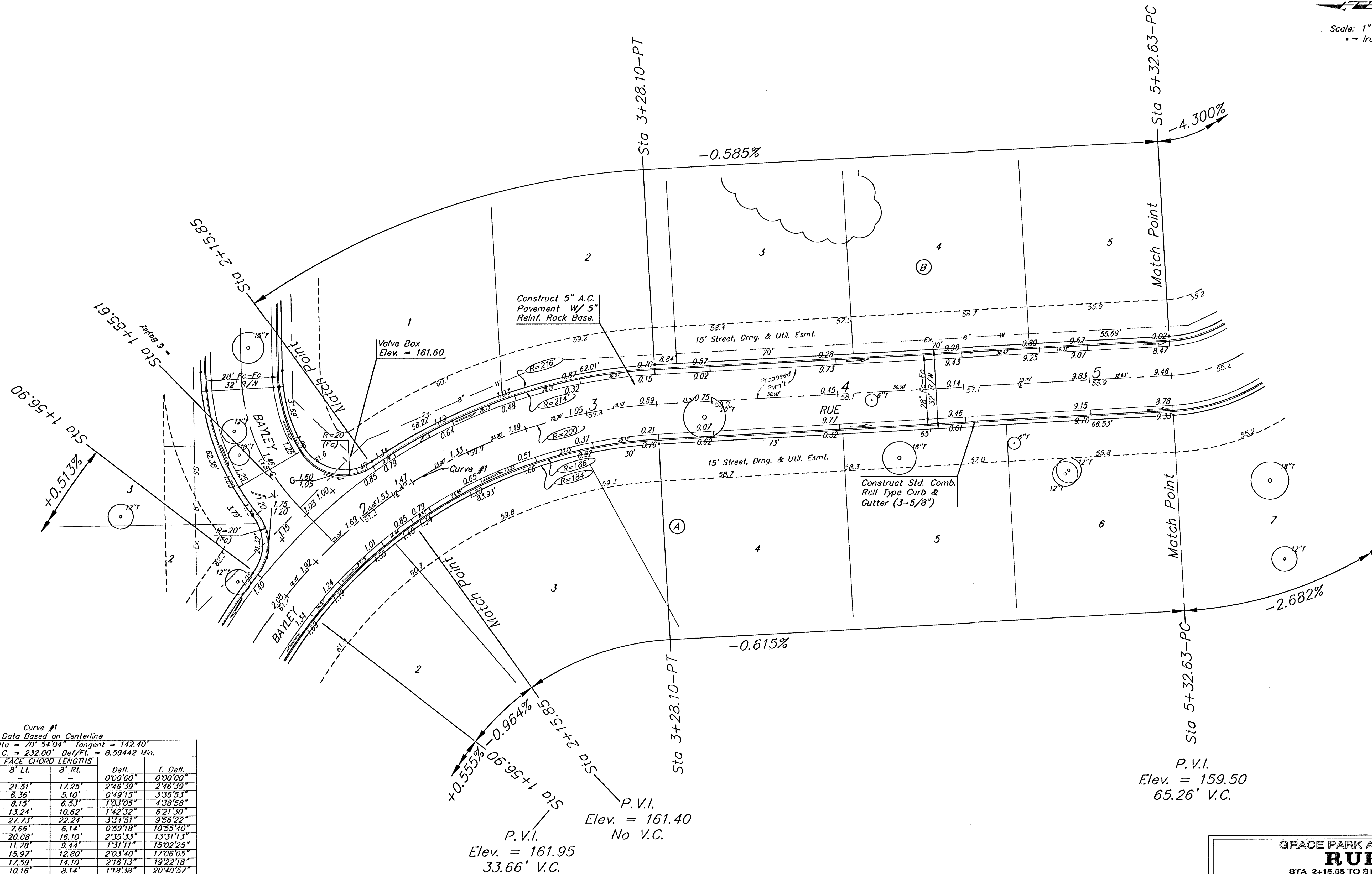


**BENCHMARKS:**  
 BM #1: Small RR spike in NW face of PP, 5.4' NW of the most westerly corner of Lot 1, Block A, Grace Park Addition.  
 Elev. = 158.64 City Datum

BM #2: "□" on top of curb SE corner of Res. "G", Cedarview Addition.  
 Elev. = 161.87 City Datum

P.V.I.  
 Elev. = 159.50  
 103.32' V.C.

Scale: 1" = 20'  
 • = Iron



Curve #1  
 Curve Data Based on Centerline  
 Rad. = 200' Delta = 70° 54' 04" Tangent = 142.40'  
 Arc = 247.49' L.C. = 232.00' Def/Flt. = 8.59442 Min.

| Station | Arc    | FACE CHORD LENGTHS |        | Defl.    | T. Defl.  |
|---------|--------|--------------------|--------|----------|-----------|
|         |        | B' Lt.             | B' Rt. |          |           |
| 0+80.61 | -      | -                  | -      | 0°00'00" | 0°00'00"  |
| 1+00.00 | 19.39' | 21.51'             | 17.25' | 2°46'39" | 2°46'39"  |
| 1+05.73 | 5.73'  | 6.36'              | 5.10'  | 0°49'15" | 3°35'53"  |
| 1+13.07 | 7.34'  | 8.15'              | 6.53'  | 1°03'05" | 4°38'58"  |
| 1+25.00 | 11.93' | 13.24'             | 10.62' | 1°42'32" | 6°21'30"  |
| 1+50.00 | 25.00' | 27.73'             | 22.24' | 3°34'51" | 9°56'22"  |
| 1+56.90 | 6.90'  | 7.68'              | 6.14'  | 0°59'18" | 10°55'40" |
| 1+75.00 | 18.10' | 20.08'             | 16.10' | 2°35'13" | 13°31'13" |
| 1+85.61 | 10.61' | 11.78'             | 9.44'  | 1°31'11" | 15°02'25" |
| 2+00.00 | 14.39' | 15.97'             | 12.80' | 2°03'40" | 17°06'05" |
| 2+15.85 | 15.85' | 17.59'             | 14.10' | 2°16'13" | 19°22'18" |
| 2+25.00 | 9.15'  | 10.16'             | 8.14'  | 1°18'38" | 20°40'52" |
| 2+50.00 | 25.00' | 27.73'             | 22.24' | 3°34'51" | 24°15'48" |
| 2+75.00 | 25.00' | 27.73'             | 22.24' | 3°34'51" | 27°50'40" |
| 3+00.00 | 25.00' | 27.73'             | 22.24' | 3°34'51" | 31°25'32" |
| 3+25.00 | 25.00' | 27.73'             | 22.24' | 3°34'51" | 35°00'23" |
| 3+28.10 | 3.10'  | 3.44'              | 2.76'  | 0°28'38" | 35°27'02" |

Remove trees only as necessary for street construction. Cost of removal to be incidental to lump sum bid item "Site Clearing & Restoration".

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.

GRACE PARK ADDITION  
**RUE**  
 STA 2+15.85 TO STA 5+32.83

**BAUGHMAN COMPANY P.A.**  
 ENGINEERING, SURVEYING, & PLANNING  
 315-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER  
**472-83788**

DESIGN DRAWN TMS APPROVED DATE 06/03 SCALE Noted SHEET 7 OF 29