

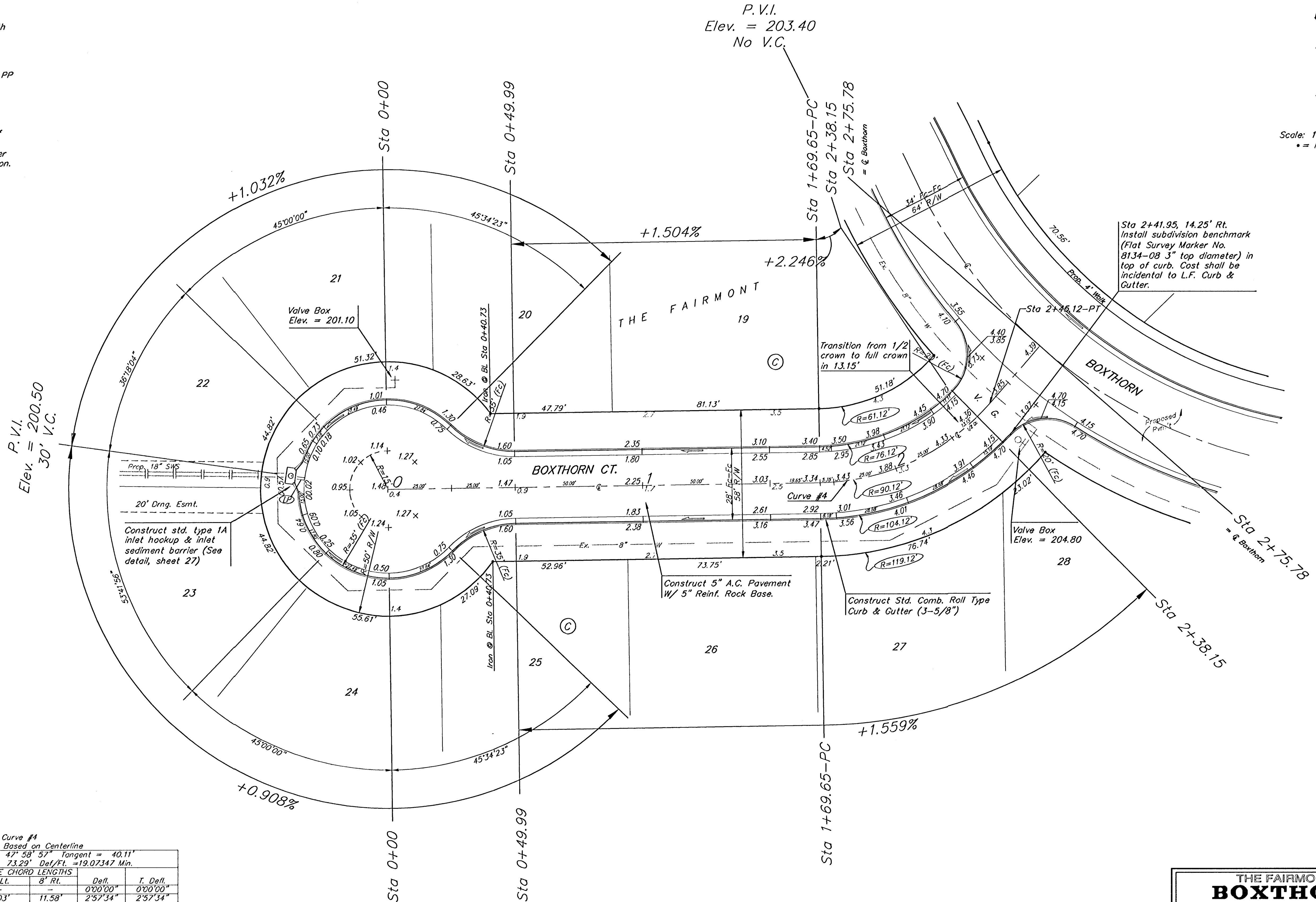
# **BENCHMARKS:**

BM #1: "□" Cut on T.C., 12' west of east end of N curb return on the north drive entrance of the Church of the Magdalen.  
Elev. = 190.48 (City Datum)

BM #2: RR spike on the west face of PP on the east side of 127th Street East, adjacent to the south line of The Fairmont Addition.  
Elev. = 187.25 (City Datum)

BM #3: RR spike on the east face of PP on the west side of 127th Street East, 37' N and 13' E of the NE corner of Lot 1, Block H, The Fairmont Addition.  
Elev. = 189.19 (City Datum)

Scale: 1" = 20'  
• = Iron



Curve #4  
Curve Data Based on Centerline  
Rad. = 90.12' Delta = 47° 58' 57" Tangent = 40.11'  
Arc = 75.47' L.C. = 73.29' Del./Ft. = 19.07347 Min.

| Station | Arc    | FACE CHORD LENGTHS |        | Defl.    | T. Defl.  |
|---------|--------|--------------------|--------|----------|-----------|
|         |        | 8' Lt.             | 8' Rt. |          |           |
| 1+65.69 | —      | —                  | —      | 0°00'00" | 0°00'00"  |
| 1+75.00 | 9.31'  | 7.03'              | 11.58' | 2°57'34" | 2°57'34"  |
| 2+00.00 | 25.00' | 18.84'             | 31.00' | 7°56'50" | 10°54'24" |
| 2+25.00 | 25.00' | 18.84'             | 31.00' | 7°56'50" | 18°51'15" |
| 2+38.15 | 13.15' | 9.93'              | 16.35' | 4°10'49" | 23°02'04" |
| 2+41.95 | 3.80'  | 2.87'              | 4.73'  | 1°12'29" | 24°14'32" |
| 2+45.12 | 3.17'  | 2.40'              | 3.94'  | 1°00'28" | 25°15'00" |

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.

THE FAIRMONT - PHASE 2

**BOXTHORN CT.**

STA 0+00 TO STA 2+75.78

**BAUGHMAN COMPANY P.A.**

ENGINEERING, SURVEYING, & PLANNING

316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

|                |       |          |         |       |       |
|----------------|-------|----------|---------|-------|-------|
| PROJECT NUMBER |       |          |         |       | SHEET |
| 472-83484      |       |          |         |       |       |
| DESIGN         | DRAWN | APPROVED | DATE    | SCALE | OF    |
| NBW            | TMS   |          | 7/23/03 | Noted |       |

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