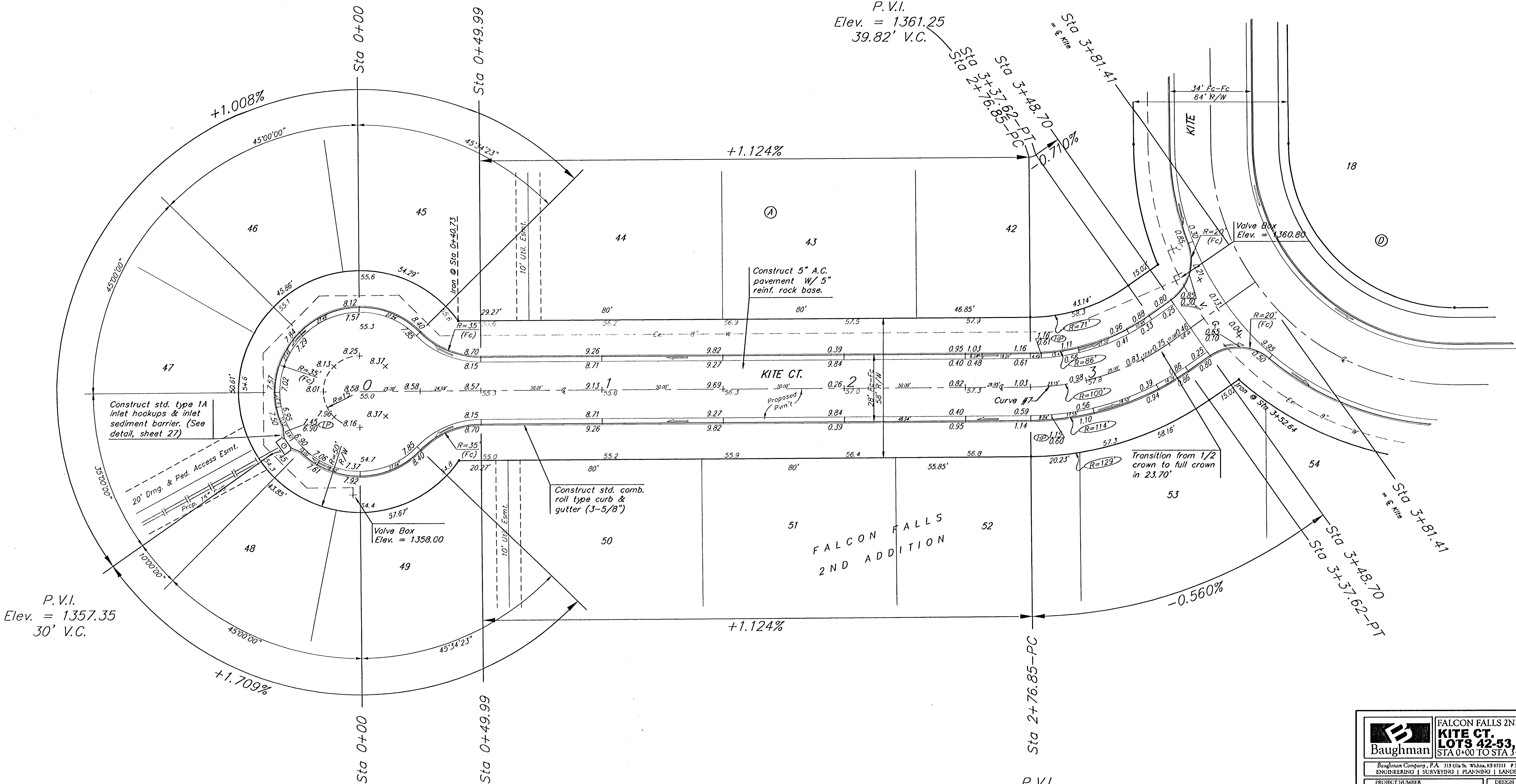


**BENCHMARKS:**  
BM #1: "□" CL face of catch basin, west side of Lot 4, Block 5, Falcon Falls Addition. Elev. = 1352.47 MSL  
BM #2: "□" south end of the south curb return at Kite and Peregrine, Falcon Falls Addition. Elev. = 1359.85 MSL

| Curve #7                                           |        |                    |        |          |           |
|----------------------------------------------------|--------|--------------------|--------|----------|-----------|
| Curve Data Based on Centerline                     |        |                    |        |          |           |
| Rad. = 100' Delta = 34° 49' 00" Tangent = 31.35'   |        |                    |        |          |           |
| Arc = 60.77' L.C. = 59.84' Def/Fl. = 17.18776 Min. |        |                    |        |          |           |
| Station                                            | Arc    | FACE CHORD LENGTHS |        | Defl.    | T. Defl.  |
|                                                    |        | B' Lt.             | B' Rt. |          |           |
| 2+76.85                                            | —      | —                  | —      | 0°00'00" | 0°00'00"  |
| 3+00.00                                            | 23.15' | 18.02'             | 28.18' | 6°37'54" | 6°37'54"  |
| 3+25.00                                            | 25.00' | 19.45'             | 30.42' | 7°09'41" | 13°47'35" |
| 3+37.62                                            | 12.62' | 9.84'              | 15.39' | 3°36'54" | 17°24'30" |

Scale: 1" = 20'  
• = Iron



P.V.I.  
Elev. = 1357.35  
30' V.C.

P.V.I.  
Elev. = 1361.25  
39.82' V.C.

P.V.I.  
Elev. = 1361.25  
52.78' V.C.

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**

FALCON FALLS 2ND ADD. - PH. I  
**KITE CT.**  
**LOTS 42-53, BLOCK A**  
STA 0+00 TO STA 3+81.41

Baughman Company, P.A. 315 E. 11th St. Wichita, KS 67211 P 316.262.7711 F 316.262.0149  
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

|                             |                 |                          |
|-----------------------------|-----------------|--------------------------|
| PROJECT NUMBER<br>472-84264 | DESIGN<br>TJW   | DRAWN<br>TMS             |
| REVISIONS:                  | APPROVED<br>AEG | DATE<br>01/06            |
|                             | SCALE<br>Noted  | SHEET<br><b>13 OF 44</b> |

Falcon Falls 2nd PH. I Sub 8

05-10-E376