

BM#1: "□" Cut in top of curb, east  
return of SE corner of Lotus &  
Parkridge.  
Elev. = 145.99 (City Datum)

BM #2: "X" Cut on walk at NW corner  
of Lot 1, Block F, Flat Creek Addition  
Elev. = 146.22 (City Datum)

BM #3: "□" Cut in top of curb at the NW corner of Lot 1, Block B, Hunter's Ridge Addition.  
Elev. = 146.63 (City Datum)

P.V.I.  
Elev. = 146.38  
NO V.C.

P.V.I.  
Elev. = 145.60  
48.00' V.C.

Sta 0+33.30, 17.25' Lt.  
Install subdivision benchmark  
(Flat Survey Marker No.  
8134-08 3" top diameter) in  
top of curb. Cost shall be  
incidental to L.F. Curb &  
Gutter.

Valve Box  
Elevs. = 146.50

Transition from  
1/2 crown to full  
crown in 15.87

*Install Sediment  
Barriers (Both Sides)  
(See Detail-p.7)*

Construct Sta  
Type Curb &  
(Both Sides)

Iron @ Sta. 3+47.96-

Valve Box  
Elev. = 147.20  
- Iron @ Sta. 3+9

Sta 4+00.69, 17.25' Lt.  
Install subdivision benchmark  
(Flat Survey Marker No.  
8134-08 3" top diameter) in  
top of curb. Cost shall be  
incidental to L.F. Curb &  
Gutter.

Scale: 1" = 20'

| Curve Data Based on Centerline                      |        |                    |        |          |           |  |
|-----------------------------------------------------|--------|--------------------|--------|----------|-----------|--|
| Curve #4                                            |        |                    |        |          |           |  |
| Rad. = 175' Delta = 79°45' Tangent = 144.45'        |        |                    |        |          |           |  |
| Arc = 241.52' L.C. = 222.80' Def/ft. = 9.82220 Min. |        |                    |        |          |           |  |
| Station                                             | Arc    | FACE CHORD LENGTHS |        | Defl.    | T. Defl.  |  |
|                                                     |        | 8' Lt.             | 8' Rt. |          |           |  |
| 2+68.54                                             | —      | —                  | —      | 0'00.00" | 0'00.00"  |  |
| 2+75.00                                             | 6.46'  | 7.38'              | 5.54'  | 1'03.27" | 1'03.27"  |  |
| 3+00.00                                             | 25.00' | 28.55'             | 21.41' | 4'05.33" | 5'09.00"  |  |
| 3+25.00                                             | 25.00' | 28.55'             | 21.41' | 4'05.34" | 9'14.34"  |  |
| 3+44.26                                             | 19.26' | 22.00'             | 16.50' | 3'09.10" | 12'23.44" |  |
| 3+50.00                                             | 5.74'  | 6.56'              | 4.92'  | 0'56.23" | 1'32.07"  |  |
| 3+72.56                                             | 22.56' | 25.77'             | 19.32' | 3'41.35" | 1'20.42"  |  |
| 3+75.00                                             | 2.44'  | 2.79'              | 2.09'  | 0'23.58" | 1'25.40"  |  |
| 4+00.00                                             | 25.00' | 28.55'             | 21.41' | 4'05.34" | 2'31.74"  |  |
| 4+00.69                                             | 0.69'  | 0.79'              | 0.59'  | 0'06.46" | 2'38.00"  |  |
| 4+25.00                                             | 24.31' | 27.76'             | 20.82' | 3'56.47" | 2'56.00"  |  |
| 4+50.00                                             | 24.00' | 28.55'             | 21.41' | 4'05.33" | 2'42.20"  |  |
| 4+75.00                                             | 24.00' | 28.55'             | 21.41' | 4'05.34" | 3'47.54"  |  |
| 5+00.00                                             | 25.00' | 28.55'             | 21.41' | 4'05.33" | 3'53.27"  |  |
| 5+10.06                                             | 10.06' | 11.50'             | 8.62'  | 1'38.49" | 39'32.16" |  |

P.V.I.  
Elev. = 147.00  
40.74' 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.

## JEWELL



● BAUGHMAN COMPANY P.A.

ENGINEERING, SURVEYING, &amp; PLANNING

318-262-7271 • 315 ELLIS • WICHITA, KANSAS 6721

PROJECT NUMBER  
**472-83383**

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**472-83383**

DESIGN  
RP/TMG

|                    |
|--------------------|
| DRAWN<br><i>RG</i> |
|--------------------|

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| APPROVED |
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|      |       |
|------|-------|
| DATE | 08-01 |
|------|-------|

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| SCALE | Noted |
|-------|-------|

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OF  
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