BENCHMARKS:
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)

Scale: 1" = 20'
• = Iron

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.

Sta. 0+00 = ℄ JEWELL

Sta. 0+33.30

Sta. 0+49.17-PC

Sta. 1+55.56

Prop. Pond (By Others)

Sta. 2+14.13-PT

+0.721%

-0.616%

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

Sta. 2+68.54-PC

+0.506%

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

Sta. 3+44.26

Sta. 3+72.56 = ℄ JEWELL CT.

Sta. 4+00.69

Sta. 3+89.23, 38.28' Lt. Install Std. D3 (SNS) Ass'y per City Specs. "Jewell" & Metro D3 (SNS) "Jewell Ct (–)"* (See Detail, Sheet 7.) *Contractor to contact engineer for house number assignment prior to ordering signs.

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.

-0.531%

Sta. 5+10.06-PT

MATCH LINE

FLAT CREEK ADDITION

JEWELL CT.

JEWELL

MILSTEAD

RESERVE "A"

RESERVE "B"

Irons @ Sta. 0+29.16

Iron @ Sta. 3+47.96

Valve Box Elevs. = 146.50

Valve Box Elev. = 146.50

Valve Box Elev. = 147.20

Valve Box Elev. = 147.00

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

Construct Std. Comb. Roll Type Curb & Gutter (3-5/8") (Both Sides)

Construct Std. Type 1A Inlet Hookups (Both Sides)

Construct 4' Concrete Sidewalk As Indicated

Construct 5" A.C. Pavement W/ 5" Reinf. Rock Base.

Transition from 1/2 crown to full crown in 15.87'

Prop. A.C. Pvmt.

Prop. 4' Walk

Exist 8" SS

Exist 12" Wtr.

Exist 8" Wtr.

20' DRNG. & UTIL. ESM'T

Curve #3

Curve #4

P.V.I. Elev. = 145.60 42.02' V.C.

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

Sta. 0+00 = ℄ MILSTEAD

Sta. 0+33.30

Sta. 0+49.17-PC

Sta. 1+55.56

Prop. Pond (By Others)

-0.535%

+0.662%

Sta. 2+14.13-PT

Sta. 2+68.54-PC

Sta. 3+72.56 = ℄ JEWELL CT.

Sta. 5+10.06-PT

-0.619%

Curve #3
Curve Data Based on Centerline
Rad. = 210' Delta = 45°0'26" Tangent = 87.00'
Arc = 164.96' L.C. = 160.75' Def/Ft. = 8.18512 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+49.17	–	–	–	0°00'00"	0°00'00"
0+50.00	0.83'	0.73'	0.93'	0°06'48"	0°06'48"
0+75.00	25.00'	22.01'	27.96'	3°24'37"	3°31'25"
1+00.00	25.00'	22.01'	27.96'	3°24'38"	6°56'03"
1+25.00	25.00'	22.01'	27.96'	3°24'38"	10°20'41"
1+50.00	25.00'	22.01'	27.96'	3°24'37"	13°45'18"
1+55.56	5.56'	4.90'	6.22'	0°45'31"	14°30'49"
1+75.00	19.44'	17.12'	21.75'	2°39'07"	17°09'56"
2+00.00	25.00'	22.01'	27.96'	3°24'38"	20°34'34"
2+14.13	14.13'	12.45'	15.81'	1°55'39"	22°30'13"

Curve #4
Curve Data Based on Centerline
Rad. = 175' Delta = 79°4'31" Tangent = 144.45'
Arc = 241.52' L.C. = 222.80' Def/Ft. = 9.82220 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
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"	13°20'07"
3+72.56	22.56'	25.77'	19.32'	3°41'35"	17°01'42"
3+75.00	2.44'	2.79'	2.09'	0°23'58"	17°25'40"
4+00.00	25.00'	28.55'	21.41'	4°05'34"	21°31'14"
4+00.69	0.69'	0.79'	0.59'	0°06'46"	21°38'00"
4+25.00	24.31'	27.76'	20.82'	3°58'47"	25°36'47"
4+50.00	25.00'	28.55'	21.41'	4°05'33"	29°42'20"
4+75.00	25.00'	28.55'	21.41'	4°05'34"	33°47'54"
5+00.00	25.00'	28.55'	21.41'	4°05'33"	37°53'27"
5+10.06	10.06'	11.50'	8.62'	1°38'49"	39°32'16"

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.

FLAT CREEK ADDITION
JEWELL
STA. 0+00 TO STA. 5+10.06

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER 472-83383

SHEET 9 OF 39

DESIGN	DRAWN	APPROVED	DATE	SCALE
BP/TMG	DC		08-01	Noted