

BENCHMARKS:

BM #1: "X" 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)

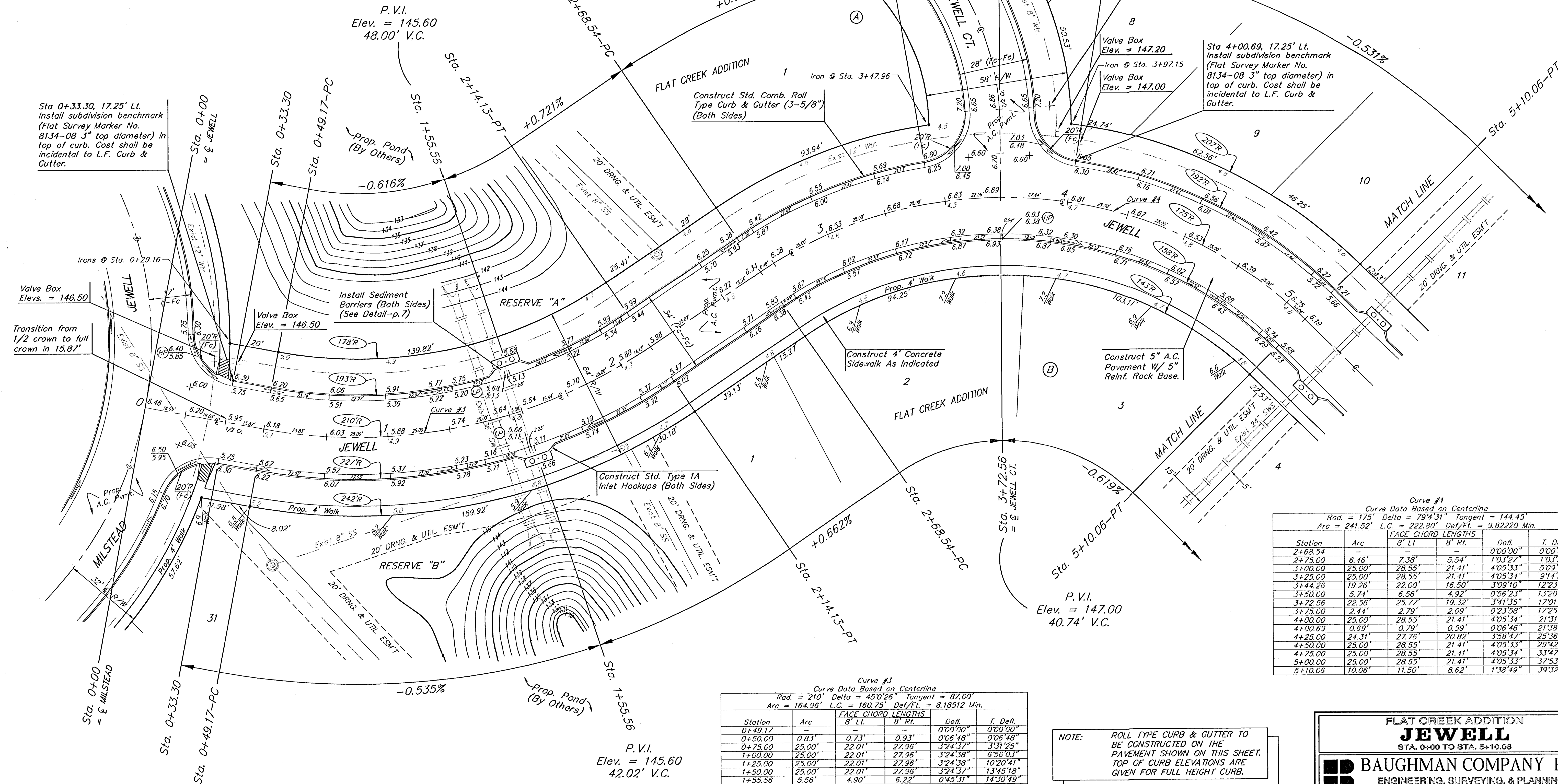
BM #3: "X" Cut in top of curb at the
NW corner of Lot 1, Block B, Hunter's
Ridge Addition.
Elev. = 146.63 (City Datum)

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

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

Sta. 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.

Scale: 1" = 20'
• = Iron



Curve #4
Curve Data Based on Centerline
Rad. = 175' Delta = 79°43'1" Tangent = 144.45'
Arc = 241.52' L.C. = 222.80' Def/Flt. = 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'	7.39'	5.54'	1°03'27"	1°03'27"
2+75.00	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"

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

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
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"

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. 6+10.06

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
318-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-83383

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

SHEET
OF
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