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

P.V.I. Elev. = 146.10 47.26' V.C.
P.V.I. Elev. = 146.90 40.00' V.C.
P.V.I. Elev. = 146.10 50.00' V.C.
P.V.I. Elev. = 146.90 40.00' V.C.
Sta. 0+00-PC
Sta. 0+38.25
Sta. 1+14.74
Sta. 1+36.46
Sta. 1+67.67 = Sta. JEWELL ℄
Sta. 1+98.83
Sta. 2+22.95-PCC
Sta. 3+38.18-PT
Sta. 3+59.92
+0.846%
-0.505%
+0.762%
-0.613%
+0.811%
-0.589%
-0.602%
FLAT CREEK ADDITION
GOLDEN HILLS
JEWELL
PAWNEE MESA ADDITION
Building 1
Building 43
Valve Box Elevs. = 146.90
Iron @ Sta. 1+40.13
Iron @ Sta. 1+95.21
Valve Box Elevs. = 146.70
Construct 7" Reinforced Concrete Valley Gutter Pvmt. on 5" Reinforced Rock Base w/ Monolithic Edge Curb.(3-5/8") (See Detail, Sheet 5)
Construct Std. Type 1A Inlet Hookups (Both Sides)
Construct Std. Comb. Roll Type Curb & Gutter (3-5/8") (Both Sides)
Install Sediment Barrier (See Detail-p.7)
Sta. 0+38.25 Begin Construction of 5" A.C. Pavement w/5" Reinf. Rock Base
Sta 0+36.25 Install End of Road Markers See Detail, Sheet 4.
Install Hay Bale Barrier per Detail, Sheet 8.
Sta. 0+38.25 Begin Construction of 4' Concrete Sidewalk
Construct 5" A.C. Pavement W/ 5" Reinf. Rock Base.
Construct 4' Concrete Sidewalk As Indicated
Install Sediment Barriers (Both Sides) (See Detail-p.7)
Remove Any Existing Sediment Barrier or End-Of-Road Signs
Sta. 3+59.92 End Construction of 5" A.C. Pavement w/5" Reinf. Rock Base
Saw Cut, Remove & Replace 2' Existing Surface Course as Indicated. Cost Shall be Included in "Site Clearing and Restoration"
Prop. 4' Walk
Prop. 4' Walk
Prop. A.C. Pvmt.
Existing A.C. Pvmt.
Match Walk
Curve #7
Curve #8
20' DRNG. & UTIL ESM'T
10' UTIL. ESM'T
Existing 12" Wtr.
Existing 8" SWS
Existing 24" SWS
Ex. Fence
Ex. Tree
Ex. Utility Elec.
Scrimmer Heads
Valve Box
Catch Basin
Manhole
Curb Inlet
Area Inlet
Sta. 0+38.25 Sta. 1+14.74 Sta. 1+36.46 Sta. 1+67.67 Sta. 1+98.83 Sta. 2+22.95-PCC Sta. 3+38.18-PT Sta. 3+59.92
Sta. 0+00-PC Sta. 0+38.25 Sta. 1+14.74 Sta. 2+22.95-PCC Sta. 3+38.18-PT Sta. 3+59.92

Curve #7
Curve Data Based on Centerline
Rad. = 193' Delta = 66°11'14" Tangent = 125.78'
Arc = 222.95' L.C. = 210.76' Def/Ft. = 8.90611 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+00.00	–	–	–	0°00'00"	0°00'00"
0+25.00	25.00'	28.22'	21.75'	3°42'39"	3°42'39"
0+38.25	13.25'	14.96'	11.53'	1°58'01"	5°40'40"
0+50.00	11.75'	13.27'	10.23'	1°44'38"	7°25'18"
0+75.00	25.00'	28.22'	21.75'	3°42'39"	11°07'57"
1+00.00	25.00'	28.22'	21.75'	3°42'40"	14°50'37"
1+14.74	14.74'	16.65'	12.83'	2°11'16"	17°01'53"
1+25.00	10.26'	11.59'	8.93'	1°31'23"	18°33'16"
1+36.46	11.46'	12.94'	9.97'	1°42'04"	20°15'20"
1+50.00	13.54'	15.29'	11.78'	2°00'35"	22°15'55"
1+67.67	17.67'	19.95'	15.38'	2°37'22"	24°53'17"
1+75.00	7.33'	8.28'	6.38'	1°05'17"	25°58'34"
1+98.83	23.83'	26.90'	20.73'	3°32'14"	29°30'48"
2+00.00	1.17'	1.32'	1.02'	0°10'25"	29°41'13"
2+22.95	22.95'	25.91'	19.97'	3°24'24"	33°05'37"

Curve #8
Curve Data Based on Centerline
Rad. = 150' Delta = 44°20'56" Tangent = 60.63'
Arc = 115.23' L.C. = 112.42' Def/Ft. = 11.45940 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
2+22.95	–	–	–	0°00'00"	0°00'00"
2+25.00	2.05'	2.39'	1.71'	0°23'30"	0°23'30"
2+50.00	25.00'	29.13'	20.81'	4°46'29"	5°09'59"
2+75.00	25.00'	29.13'	20.81'	4°46'29"	9°56'28"
3+00.00	25.00'	29.13'	20.81'	4°46'29"	14°42'57"
3+25.00	25.00'	29.13'	20.81'	4°46'29"	19°29'26"
3+38.18	13.18'	15.37'	10.98'	2°31'02"	22°00'28"

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
GOLDEN HILLS & JEWELL
STA. 0+00 TO STA. 3+59.92

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

PROJECT NUMBER 472-83383
SHEET 12 OF 39

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