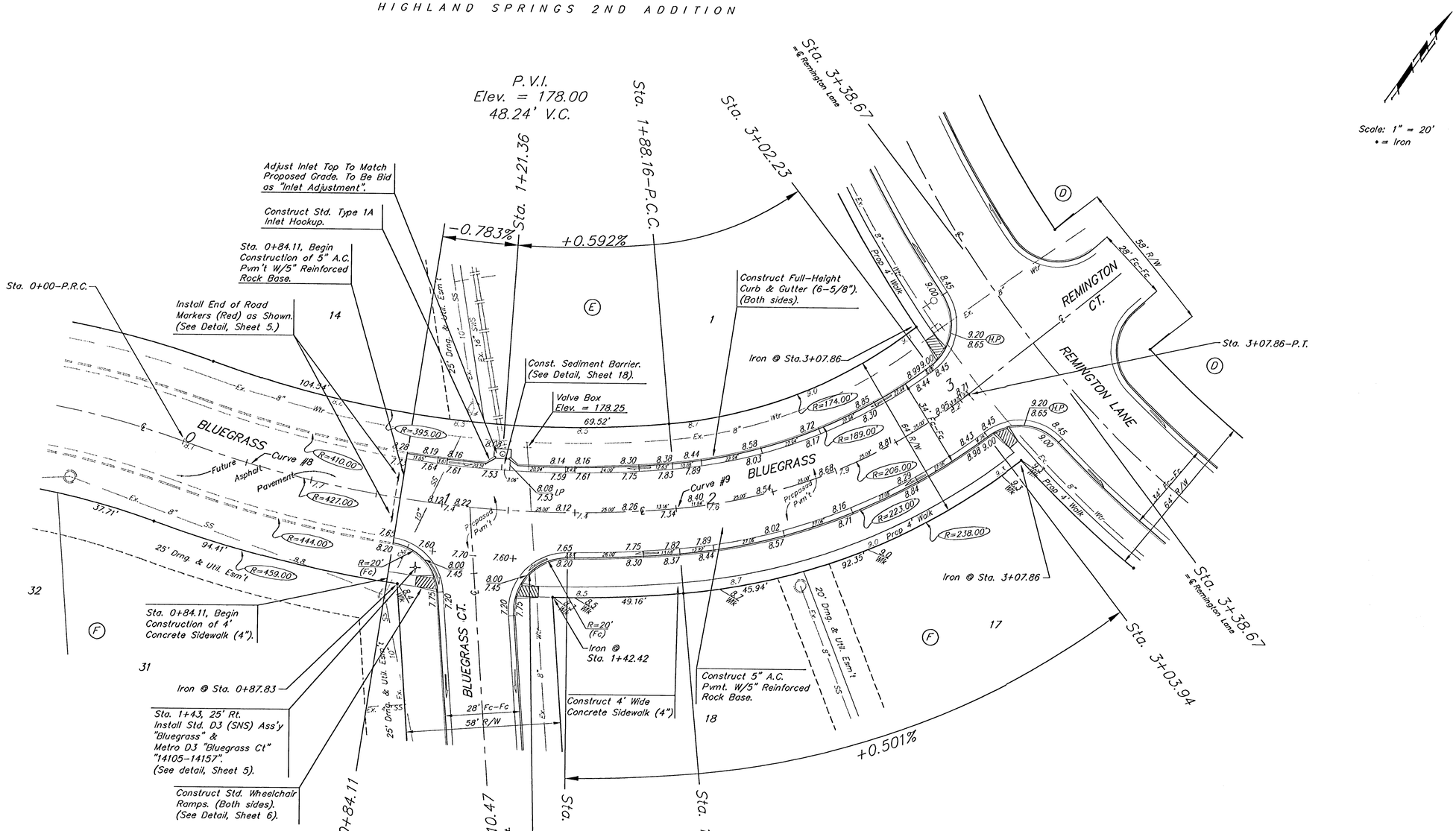
BENCHMARKS:
City of Wichita Benchmark
Disk 32.6' N and 24.5' E
of Intersection of 135th St. W.
and Central. 39.5' NE of Iron at
Section Corner.
Elev. = 159.50 (City Datum)

"□" Cut Rear Center of Inlet Top
Adjacent to SE Corner, Lot 19,
Block C, Highland Springs 2nd
Addition.
Elev. = 175.35 (City Datum)

"□" Cut Top of Curb Adjacent to
SE Corner, Lot 21, Block D,
Highland Springs 2nd Addition.
Elev. = 176.54 (City Datum)

HIGHLAND SPRINGS 2ND ADDITION



Curve #8
Curve Data Based on Centerline
Rad. = 427' Delta = 25° 14' 50" Tangent = 95.63'
Arc = 188.16' L.C. = 186.64' Def/Ft. = 4.02539 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'	23.53'	26.46'	1°40'38"	1°40'38"
0+50.00	25.00'	23.53'	26.46'	1°40'38"	3°21'16"
0+75.00	25.00'	23.53'	26.46'	1°40'38"	5°01'54"
0+84.11	9.11'	8.58'	9.65'	0°36'41"	5°38'35"
1+00.00	15.89'	14.96'	16.82'	1°03'57"	6°42'32"
1+10.47	10.47'	9.86'	11.08'	0°42'09"	7°24'41"
1+25.00	14.53'	13.68'	15.38'	0°58'29"	8°23'10"
1+47.43	22.43'	21.12'	23.74'	1°30'18"	9°53'28"
1+50.00	2.57'	2.42'	2.72'	0°10'20"	10°03'48"
1+75.00	25.00'	23.53'	26.46'	1°40'39"	11°44'27"
1+88.16	13.16'	12.39'	13.93'	0°52'58"	12°37'25"

Curve #9
Curve Data Based on Centerline
Rad. = 206' Delta = 33° 17' 37" Tangent = 61.59'
Arc = 119.70' L.C. = 118.02' Def/Ft. = 8.34385 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
1+88.16	–	–	–	0°00'00"	0°00'00"
2+00.00	11.84'	10.40'	13.27'	1°38'47"	1°38'47"
2+25.00	25.00'	21.95'	28.02'	3°28'36"	5°07'23"
2+50.00	25.00'	21.95'	28.02'	3°28'36"	8°35'59"
2+75.00	25.00'	21.95'	28.02'	3°28'36"	12°04'35"
3+00.00	25.00'	21.95'	28.01'	3°28'36"	15°33'11"
3+02.23	2.23'	1.96'	2.50'	0°18'36"	15°51'47"
3+07.86	5.63'	4.95'	6.31'	0°46'59"	16°38'46"

HIGHLAND SPRINGS 2ND ADDITION - PHASE II
BLUEGRASS
STA 0+49.71 TO STA 3+03.94

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

PROJECT NUMBER 472-83143
SHEET 14 OF 32

DESIGN	DRAWN	APPROVED	DATE	SCALE
BP/IMG	GNX		2-13-02	Noted

11-15-F101
Hdrawn2\Vol