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)

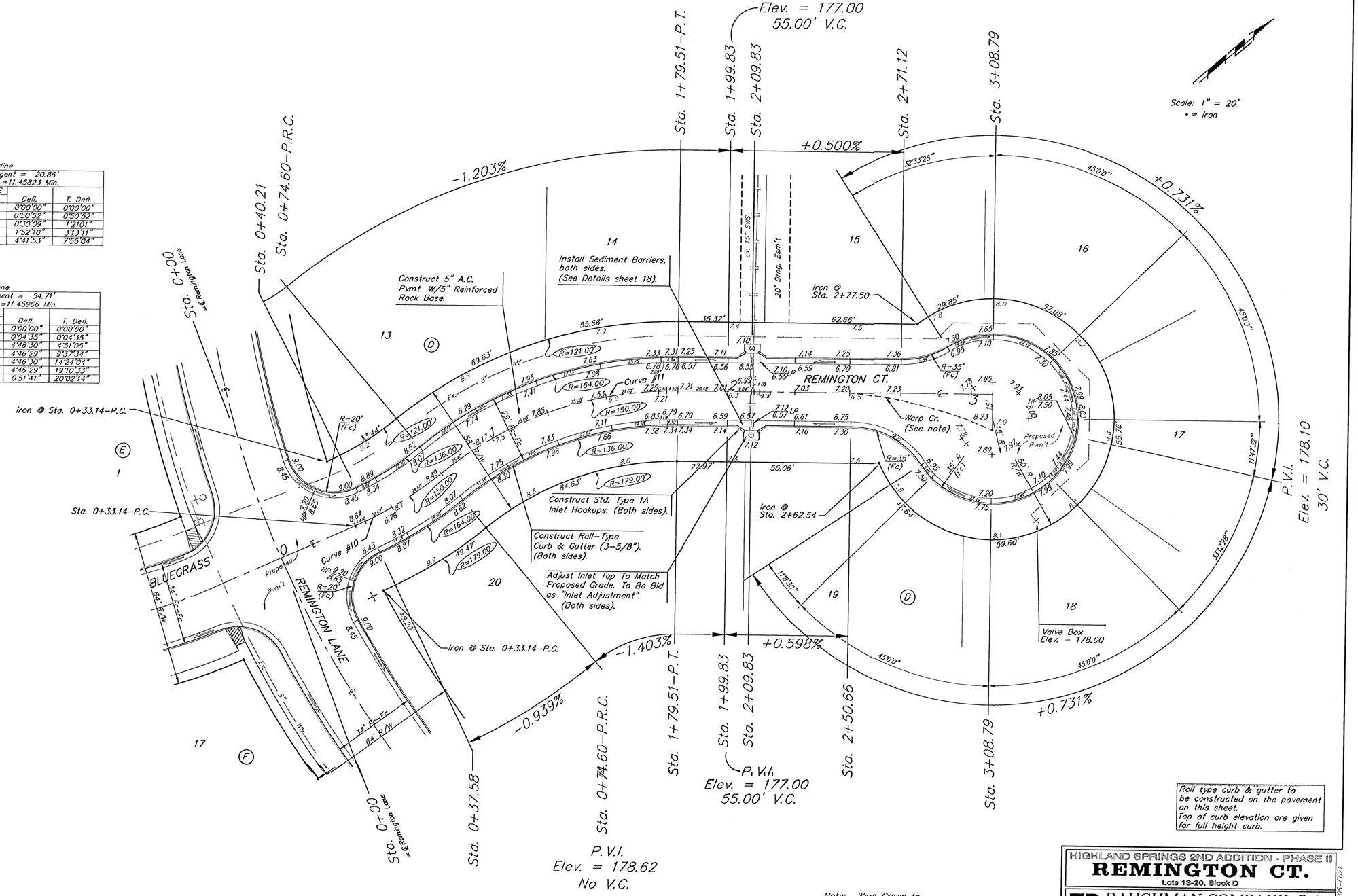
" " Cut Top of Curb Adjacent to
SE Corner, Lot 21, Block D,
Highland Springs 2nd Addition.
Elev. = 176.54 (City Datum)

Curve #10
Curve Data Based on Centerline
Rad. = 150' Delta = 15° 50' 07" Tangent = 20.86'
Arc = 41.46' L.C. = 41.32' Def/Ft. =11.45823 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+33.14	–	–	–	0°00'00"	0°00'00"
0+37.58	4.44'	3.79'	5.09'	0°50'52"	0°50'52"
0+40.21	2.63'	2.25'	3.02'	0°30'09"	1°21'01"
0+50.00	9.79'	8.35'	11.22'	1°52'10"	3°13'11"
0+74.60	24.60'	20.97'	28.17'	4°41'53"	7°55'04"

Curve #11
Curve Data Based on Centerline
Rad. = 150' Delta = 40° 04' 28" Tangent = 54.71'
Arc = 104.91' L.C. = 102.79' Def/Ft. =11.45966 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+74.60	–	–	–	0°00'00"	0°00'00"
0+75.00	0.40'	0.46'	0.34'	0°04'35"	0°04'35"
1+00.00	25.00'	28.64'	21.31'	4°46'30"	4°51'05"
1+25.00	25.00'	28.63'	21.31'	4°46'29"	9°37'34"
1+50.00	25.00'	28.64'	21.31'	4°46'30"	14°24'04"
1+75.00	25.00'	28.63'	21.31'	4°46'29"	19°10'33"
1+79.51	4.91'	5.17'	3.85'	0°51'41"	20°02'14"



Roll type curb & gutter to be constructed on the pavement on this sheet.
Top of curb elevation are given for full height curb.

Note: Warp Crown to conform to Approx. Center of proposed pavement.

HIGHLAND SPRINGS 2ND ADDITION - PHASE II
REMINGTON CT.
Lots 13-20, Block D

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

PROJECT NUMBER	SHEET
472-83143	13 OF 32

DESIGN	DRAWN	APPROVED	DATE	SCALE
BP/TMG	GNK		2-13-02	Noted

01-Oct-F1201
Hinman21\Sht1

HIGHLAND SPRINGS 2ND ADDITION