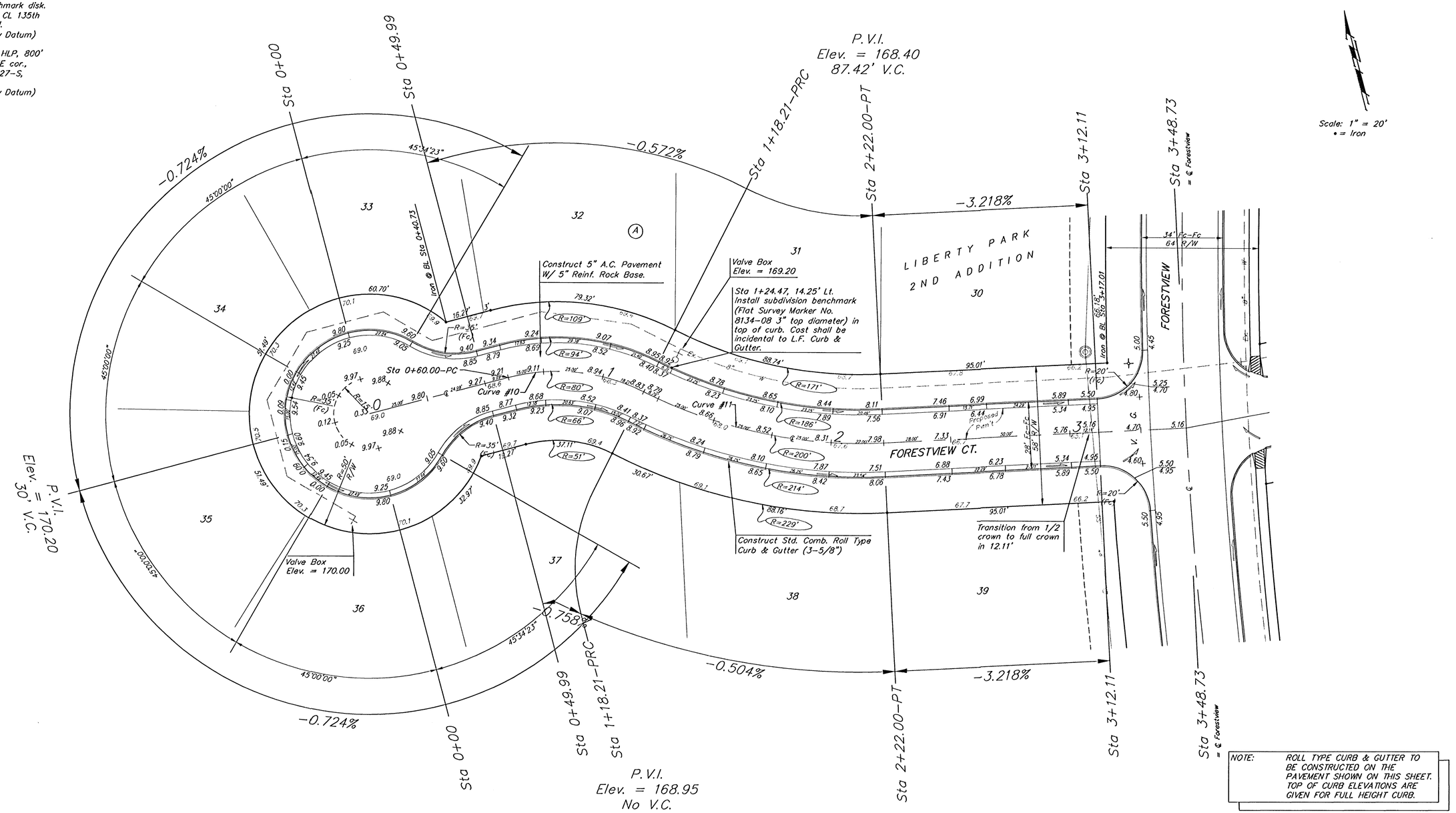
BENCHMARKS:
BM #1: C.O.W. benchmark disk. 56' E and 55' N of CL 135th St. W. & 13th St. N.
Elev. = 167.83 (City Datum)

BM #2: 60D nail in HLP, 800' W & 31' N of the NE cor., NW1/4, Sec. 13, T-27-S, R-2-W.
Elev. = 162.68 (City Datum)



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.

Curve #10
Curve Data Based on Centerline
Rad. = 80' Delta = 41° 41' 33" Tangent = 30.46'
Arc = 58.21' L.C. = 56.94' Def/Ft. =21.48729 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+60.00	–	–	–	0°00'00"	0°00'00"
0+75.00	15.00'	19.10'	10.86'	5°22'18"	5°22'18"
1+00.00	25.00'	31.75'	18.05'	8°57'11"	14°19'29"
1+18.21	18.21'	23.17'	13.17'	6°31'17"	20°50'46"

Curve #11
Curve Data Based on Centerline
Rad. = 200' Delta = 29° 43' 57" Tangent = 53.09'
Arc = 103.79' L.C. = 102.63' Def/Ft. = 8.59404 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
1+18.21	–	–	–	0°00'00"	0°00'00"
1+25.00	6.79'	6.04'	7.54'	0°58'21"	0°58'21"
1+50.00	25.00'	22.23'	27.73'	3°34'51"	4°33'12"
1+75.00	25.00'	22.23'	27.73'	3°34'51"	8°08'03"
2+00.00	25.00'	22.23'	27.73'	3°34'51"	11°42'54"
2+22.00	22.00'	19.57'	24.41'	3°09'04"	14°51'58"

LIBERTY PARK 2ND ADDITION - PHASE I
FORESTVIEW CT.
Lots 33-43, Block A

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

PROJECT NUMBER

DESIGN	DRAWN	APPROVED	DATE	SCALE	SHEET
NBW	TMS		4/30/03	Noted	14 of 27

02-10-5423
Liberty Park/Sht8