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)

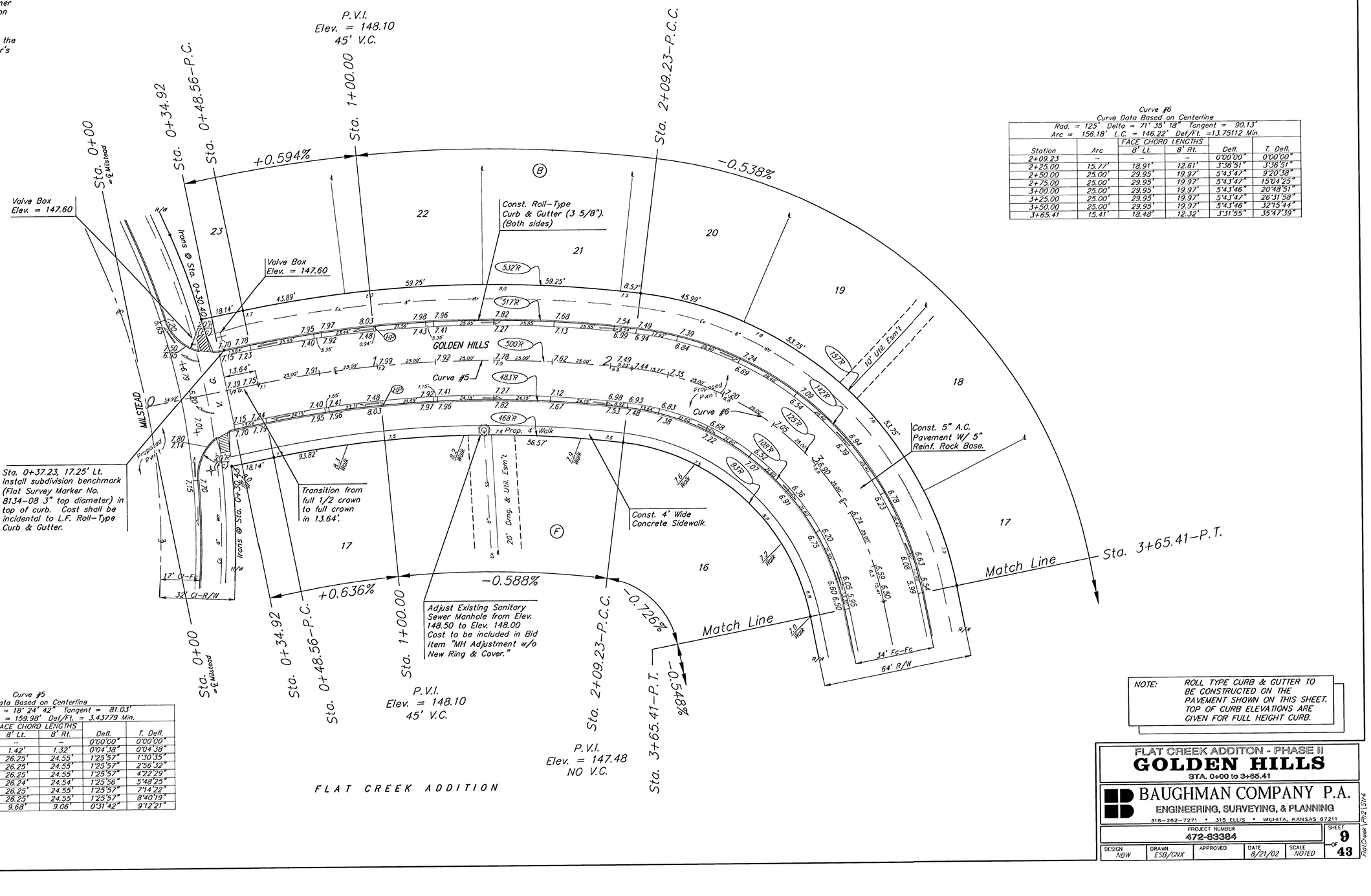
BM #3: "□" Cut in top of curb at the NW corner of Lot 1, Block B, Hunter's Ridge Addition.
Elev. = 146.63 (City Datum)

Scale: 1" = 20'
• = Iron

FLAT CREEK ADDITION

Curve #6
Curve Data Based on Centerline
Rad. = 125' Delta = 71° 35' 18" Tangent = 90.13'
Arc = 156.18' L.C. = 146.22' Def/Ft. = 13.75112 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
2+09.23	–	–	–	0°00'00"	0°00'00"
2+25.00	15.77'	18.91'	12.61'	3°36'51"	3°36'51"
2+50.00	25.00'	29.95'	19.97'	5°43'47"	9°20'38"
2+75.00	25.00'	29.95'	19.97'	5°43'47"	15°04'25"
3+00.00	25.00'	29.95'	19.97'	5°43'46"	20°48'51"
3+25.00	25.00'	29.95'	19.97'	5°43'47"	26°31'59"
3+50.00	25.00'	29.95'	19.97'	5°43'46"	32°15'44"
3+65.41	15.41'	18.48'	12.32'	3°31'55"	35°47'39"



Curve #5
Curve Data Based on Centerline
Rad. = 500' Delta = 18° 24' 42" Tangent = 81.03'
Arc = 160.67' L.C. = 159.98' Def/Ft. = 3.43779 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+48.65	–	–	–	0°00'00"	0°00'00"
0+50.00	1.35'	1.42'	1.32'	0°04'38"	0°04'38"
0+75.00	25.00'	26.25'	24.55'	1°25'57"	1°30'35"
1+00.00	25.00'	26.25'	24.55'	1°25'57"	2°56'32"
1+25.00	25.00'	26.25'	24.55'	1°25'57"	4°22'29"
1+50.00	25.00'	26.24'	24.54'	1°25'56"	5°48'25"
1+75.00	25.00'	26.25'	24.55'	1°25'57"	7°14'22"
2+00.00	25.00'	26.25'	24.55'	1°25'57"	8°40'19"
2+09.23	9.23'	9.68'	9.06'	0°31'42"	9°12'21"

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 ADDITON - PHASE II
GOLDEN HILLS
STA. 0+00 to 3+65.41

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

PROJECT NUMBER	SHEET
472-83384	9 OF 43

DESIGN	DRAWN	APPROVED	DATE	SCALE
NBW	ESB/GNX		8/21/02	NOTED

FlatCreek\Ph2\Sht4