

BENCHMARKS:
BM #1: "□" on hubguard of
RCBC, 73' W of SE Cor., SE 1/4
Sec. 28, T26S, R1W.
Elev. = 144.22 City Datum

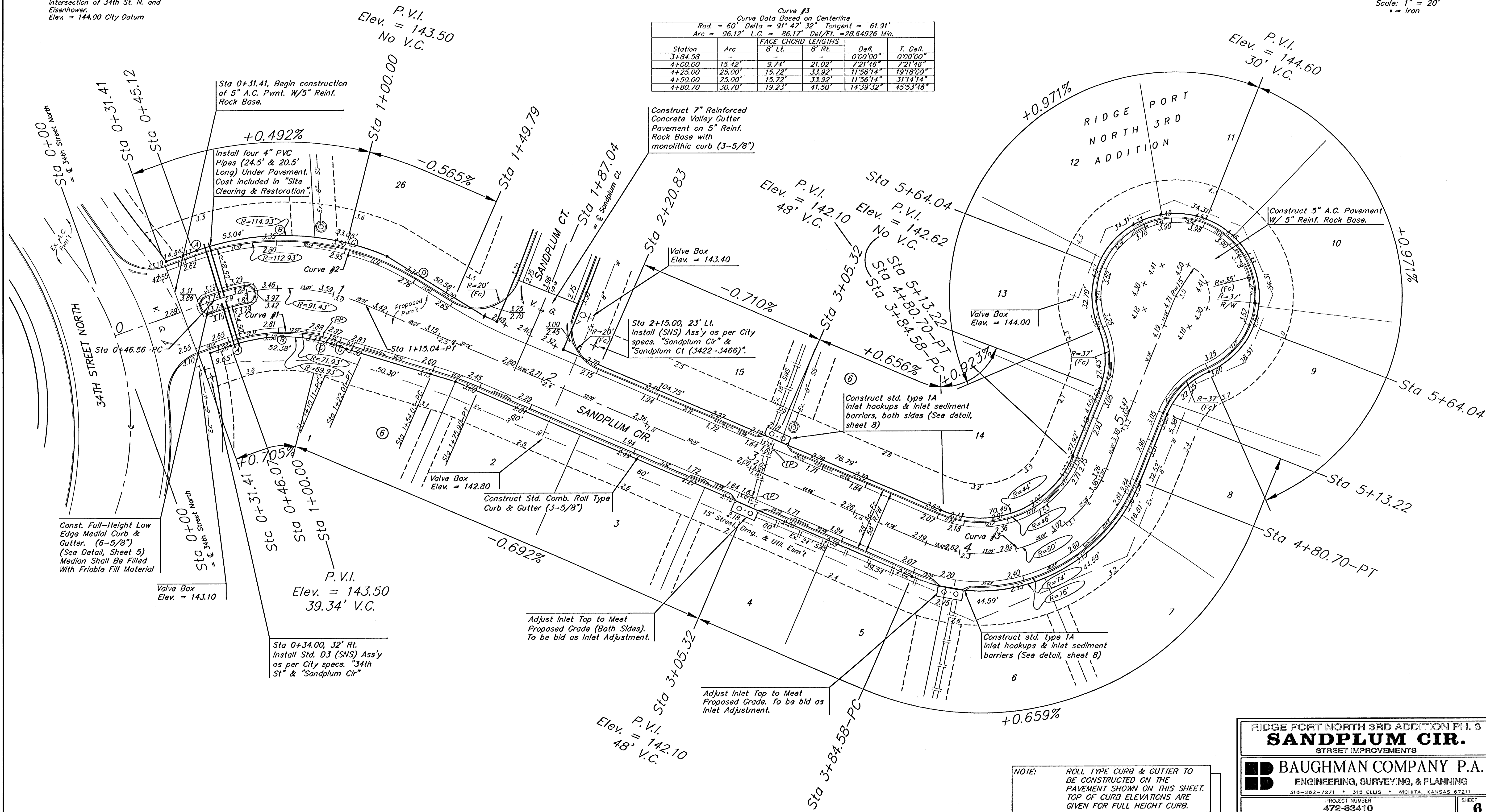
BM #2: 60d step bench in HLP,
15' N & 40' E of the
intersection of 34th St. N. and
Eisenhower.
Elev. = 144.00 City Datum

Curve #1 Curve Data Based on Centerline				
Rad. = 71.93' Delta = 39° 49' 08" Tangent = 26.05'				
Arc = 49.99' L.C. = 48.99' Del/Ft. = 23.89611 Min.				
Station	Arc	FACE CHORD LENGTHS 8' Rt.	Defl. 8' Lt.	T. Defl.
A	-	-	0'00'00"	0'00'00"
B	22.37'	19.80'	8'54'33"	8'54'33"
C	19.67'	17.43'	7'50'02"	16'44'35"
D	7.95'	7.06'	3'09'58"	19'54'34"

Curve #2 Curve Data Based on Centerline				
Rad. = 112.93' Delta = 51° 26' 42" Tangent = 54.40'				
Arc = 101.4' L.C. = 98.03' Del/Ft. = 15.22041 Min.				
Station	Arc	FACE CHORD LENGTHS 8' Lt.	Defl. 8' Rt.	T. Defl.
A	-	-	0'00'00"	0'00'00"
B	37.03'	39.48'	9'23'37"	9'23'37"
C	30.64'	32.71'	7'46'21"	17'09'58"
D	33.73'	35.98'	8'33'23"	25'43'21"

Curve #3 Curve Data Based on Centerline				
Rad. = 60' Delta = 91° 47' 32" Tangent = 61.91'				
Arc = 96.12' L.C. = 86.17' Del/Ft. = 28.64926 Min.				
Station	Arc	FACE CHORD LENGTHS 8' Lt.	Defl. 8' Rt.	T. Defl.
3+84.58	-	-	0'00'00"	0'00'00"
4+00.00	15.42'	9.74'	21.02'	7'21'46"
4+25.00	25.00'	15.72'	33.92'	11'56'14"
4+50.00	25.00'	15.72'	33.92'	11'56'14"
4+80.70	30.70'	19.23'	41.50'	14'39'32"

Scale: 1" = 20'
• = Iron



RIDGE PORT NORTH 3RD ADDITION PH. 3
SANDPLUM CIR.
STREET IMPROVEMENTS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
318-202-7271 • 319 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-83410

DESIGN: NGW DRAWN: TMS APPROVED: DATE: 3/29/02 SCALE: Noted

SHEET
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OF
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