

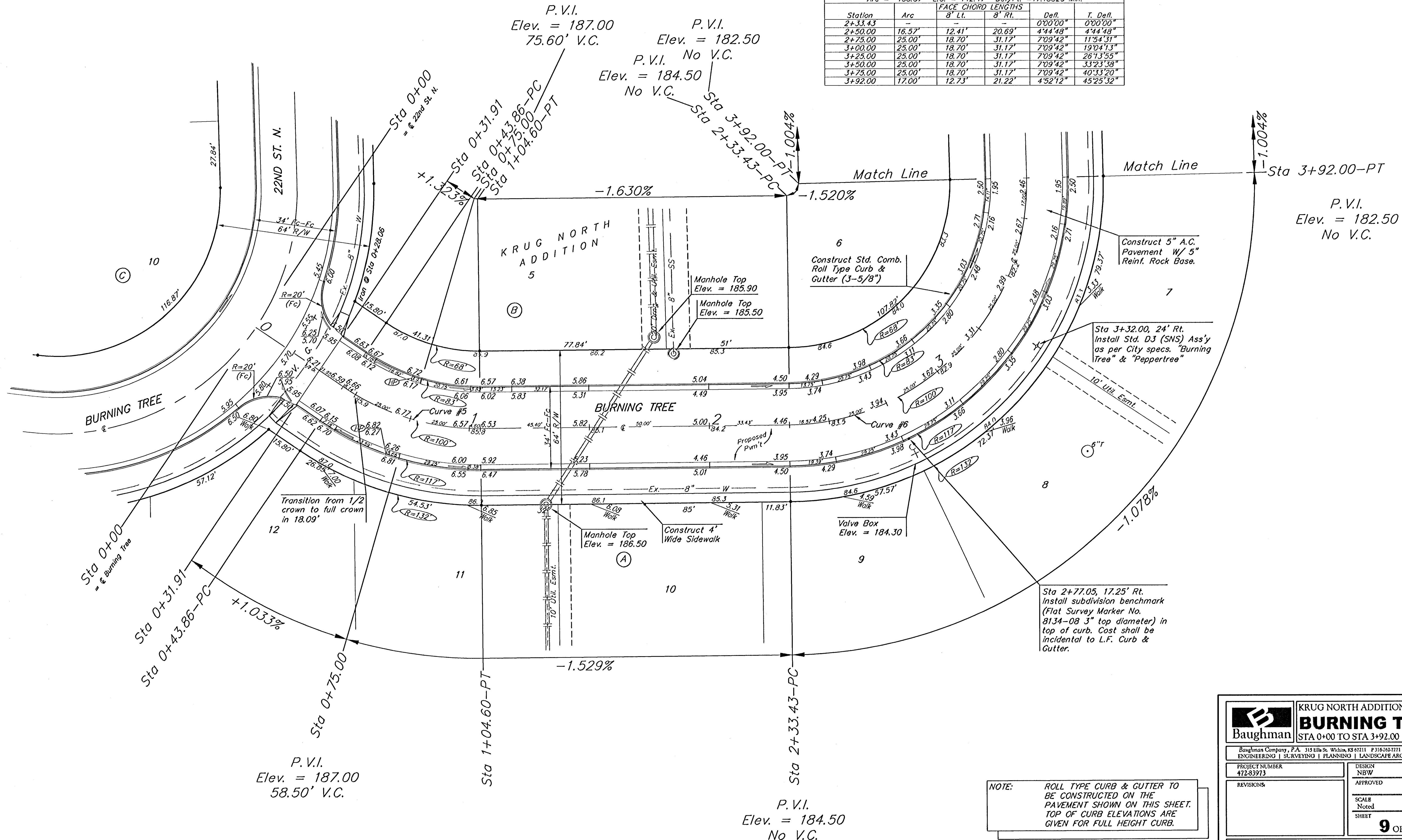
BENCHMARKS:
"□" Cut in middle of N
headwall of RCB on 21st St.
North. 1004.3' W & 22.1' N of
SE Cor., SE1/4, Sec. 2,
T-27-S, R-2-E.
Elev. = 173.23 City Datum

RR spike in N. face of power
pole 840.0' west of C.L. of
Castle Rock and 48.7' south
of C.L. of 21st St. N.
Elev. = 182.03 City Datum

Curve #5					
Curve Data Based on Centerline					
Rad. = 100' Delta = 34° 48' 15" Tangent = 31.34'					
Arc = 60.74' L.C. = 59.82' Def/Ft. = 17.19007 Min.					
Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
0+43.86	—	—	—	0°00'00"	0°00'00"
0+50.00	6.14'	4.60'	7.67'	1°45'33"	1°45'33"
0+75.00	25.00'	18.70'	31.17'	7°09'42"	8°55'18"
1+04.60	29.60'	22.12'	36.87'	8°28'49"	17°24'07"

Curve #6					
Curve Data Based on Centerline					
Rad. = 100' Delta = 90° 51' 04" Tangent = 101.50'					
Arc = 158.57' L.C. = 142.47' Def/Ft. = 17.18820 Min.					
Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
2+33.43	—	—	—	0°00'00"	0°00'00"
2+50.00	16.57'	12.41'	20.69'	4°44'48"	4°44'48"
2+75.00	25.00'	18.70'	31.17'	7°09'42"	11°54'31"
3+00.00	25.00'	18.70'	31.17'	7°09'42"	19°04'13"
3+25.00	25.00'	18.70'	31.17'	7°09'42"	26°13'55"
3+50.00	25.00'	18.70'	31.17'	7°09'42"	33°23'38"
3+75.00	25.00'	18.70'	31.17'	7°09'42"	40°33'20"
3+92.00	17.00'	12.73'	21.22'	4°52'12"	45°25'32"

Scale: 1" = 20'
• = Iron



**Baughman**

KRUG NORTH ADDITION - PHASE I
BURNING TREE
STA 0+00 TO STA 3+92.00

Baughman Company, P.A., 315 Ellis St., Wichita, KS 67211 F 316-262-7711 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-33973	DESIGN NBW	DRAWN TMS
REVISIONS	APPROVED	DATE 05/04
	SCALE Noted	SHEET 9 OF 30

KrugNorth/Sta30407-E848

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.