

BENCHMARKS:
"□" Cut in middle of N
headwall of RCBC on 21st St.
North. 1004.3' W & 22.1' N of
SE Cor., SE 1/4, 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

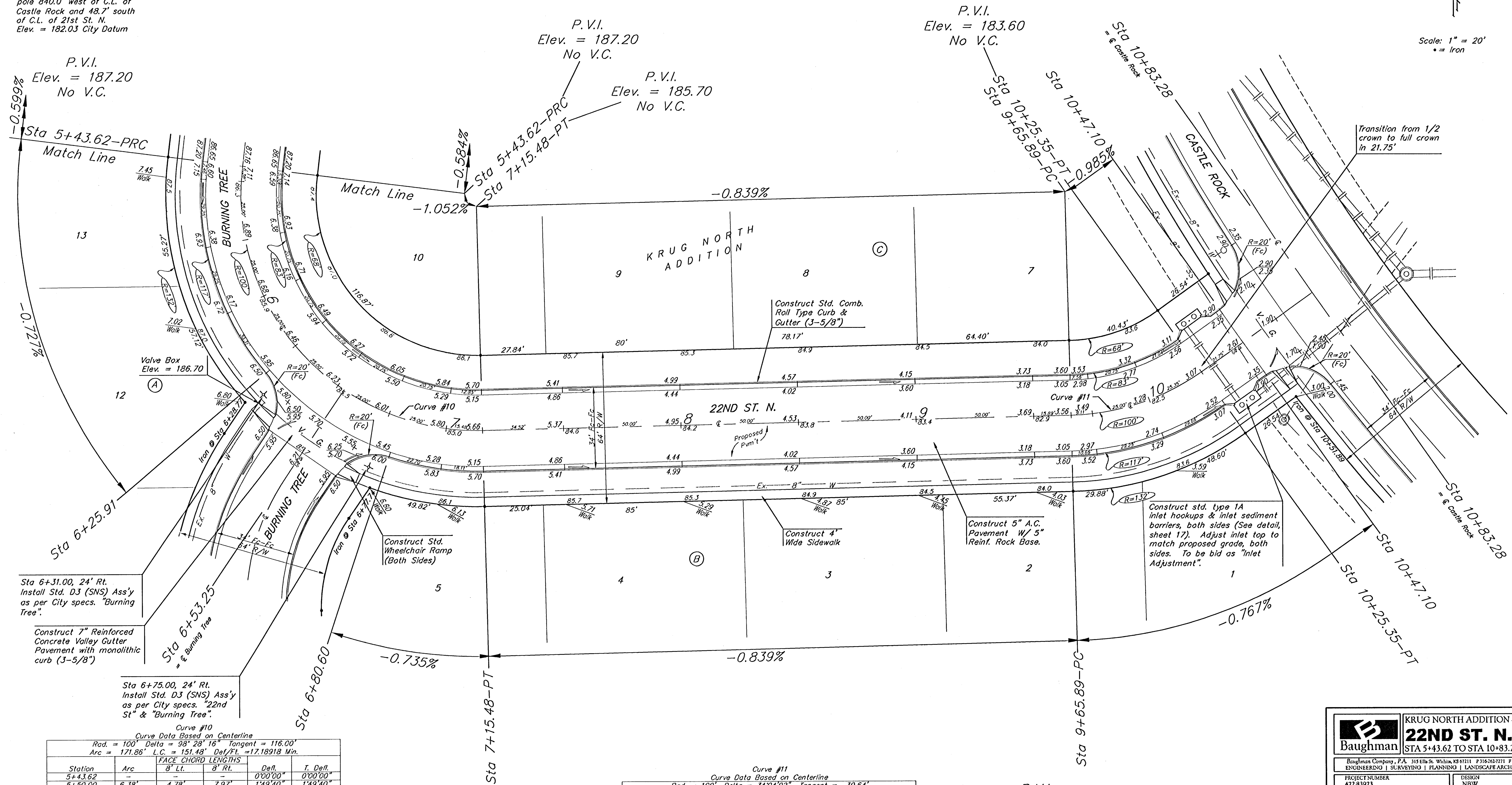
P.V.I.
Elev. = 187.20
No V.C.

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Elev. = 187.20
No V.C.

P.V.I.
Elev. = 185.70
No V.C.

P.V.I.
Elev. = 183.60
No V.C.

Scale: 1" = 20'
+ = Iron



Sta 6+31.00, 24' Rt.
Install Std. D3 (SNS) Ass'y
as per City specs. "Burning
Tree".

Construct 7" Reinforced
Concrete Valley Gutter
Pavement with monolithic
curb (3-5/8")

Sta 6+75.00, 24' Rt.
Install Std. D3 (SNS) Ass'y
as per City specs. "22nd
St" & "Burning Tree".

Curve #10
Curve Data Based on Centerline
Rad. = 100', Delta = 98° 28' 16", Tangent = 116.00'
Arc = 171.86', L.C. = 151.48', Def/ft. = 17.18918 Min.

Station	Arc	8' Lt.	8' Rt.	Def.	T. Def.
5+43.62	-	-	-	000°00'	000°00'
5+50.00	6.38'	4.78'	7.97'	149°40'	149°40'
5+75.00	25.00'	18.70'	31.17'	709°44'	8°59'24"
6+00.00	25.00'	18.70'	31.17'	709°44'	16°09'07"
6+25.91	25.91'	19.39'	32.30'	725°22'	23°34'30"
6+53.25	27.34'	20.44'	34.07'	749°57'	31°24'27"
6+80.60	27.35'	20.45'	34.08'	750°07'	39°14'34"
7+00.00	19.40'	14.53'	24.21'	533°28'	44°48'02"
7+15.48	15.48'	11.60'	19.33'	426°05'	49°14'08"

P.V.I.
Elev. = 185.70
No V.C.

Curve #11
Curve Data Based on Centerline
Rad. = 100', Delta = 34°04'02", Tangent = 30.64'
Arc = 59.46', L.C. = 58.99', Def/ft. = 17.18831 Min.

Station	Arc	8' Lt.	8' Rt.	Def.	T. Def.
9+65.89	-	-	-	000°00'	000°00'
9+75.00	9.11'	6.83'	11.38'	2°36'35"	2°36'35"
10+00.00	25.00'	18.70'	31.17'	709°42'	9°46'17"
10+25.35	25.35'	18.96'	31.60'	715°43'	17°02'01"

P.V.I.
Elev. = 183.60
No V.C.

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.

Baughman

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316-263-7271 F 316-263-6149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER
472-83973

REVISIONS:

DESIGN
NBW

DRAWN
TMS

APPROVED

DATE
05/04

SCALE
Noted

SHEET
12 OF 30

CRUG NORTH ADDITION - PHASE I
22ND ST. N.
STA 5+43.62 TO STA 10+83.28

KrugNorth/Sc6

04-07-E848