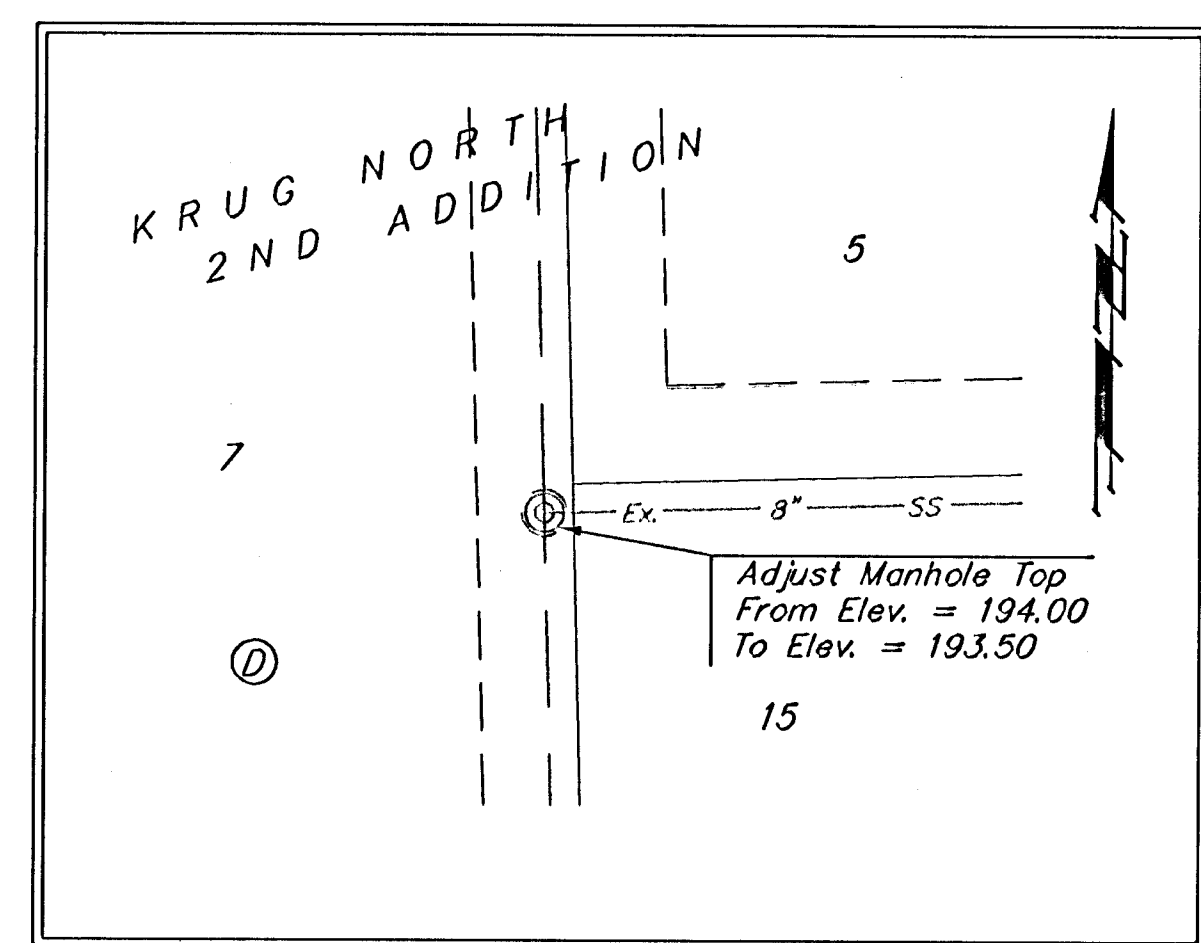


BENCHMARK:
BM #1: "□" Cut in middle of
N headwall of RCBG on 21st
St. North. 1004.3' W & 22.1'
N of SE Cor., SE 1/4, Sec. 2,
T-27-S, R-2-E.
Elev. = 173.23 City Datum

BM #2: "□" Cut at the SE
corner of the intersection of
Castle Rock & Castle Rock Ct.,
Krug North Addition.
Elev. = 183.50 City Datum



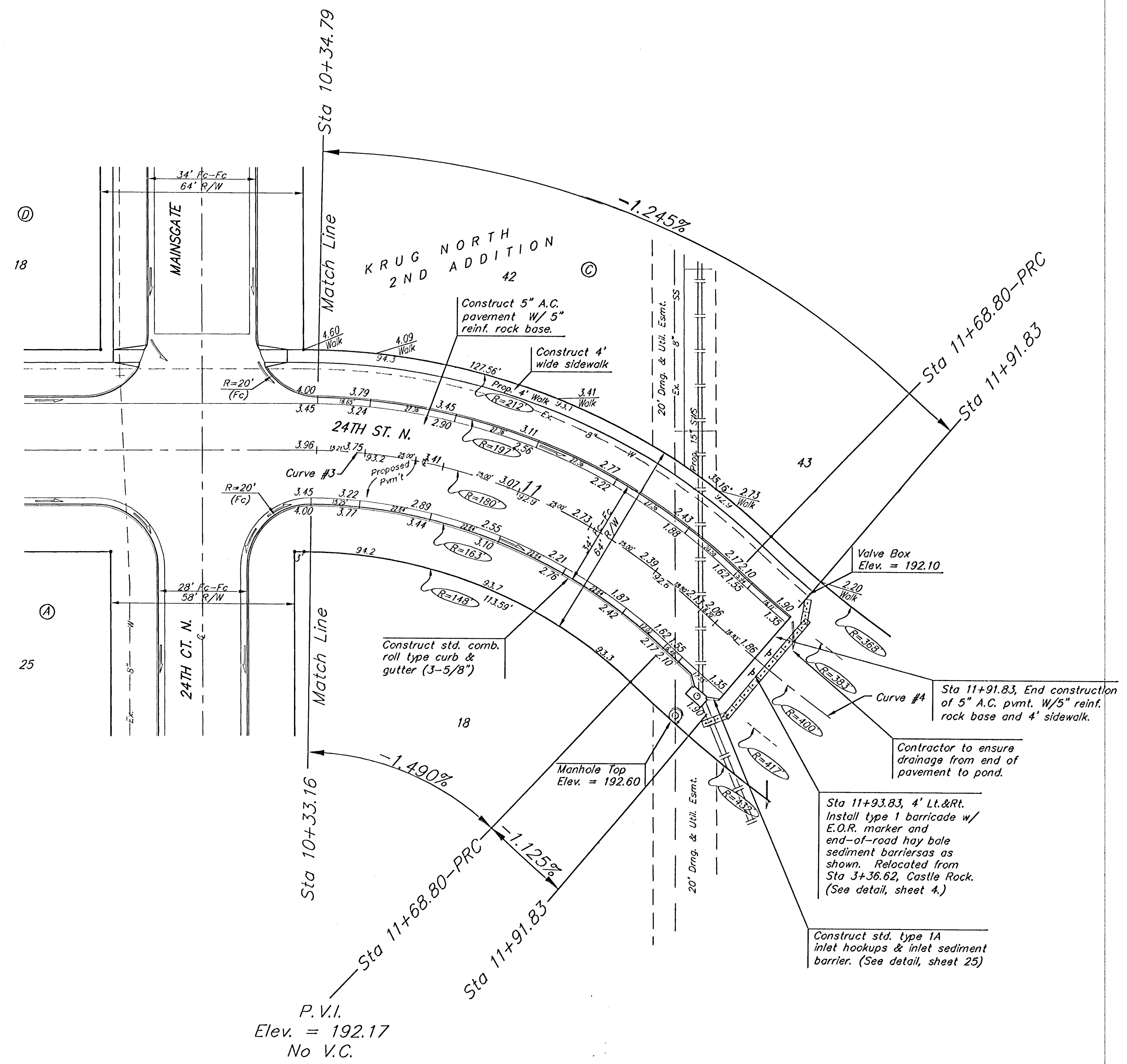
Scale: 1" = 20'
• = Iron

Curve #3
Curve Data Based on Centerline
Rad. = 180' Delta = 43° 58' 33" Tangent = 72.68'
Arc = 138.15' L.C. = 134.29' Del./ft. = 9.54958 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
10+30.65	-	-	-	0°00'00"	0°00'00"
10+33.16	2.51'	2.86'	2.16'	0°23'58"	0°23'58"
10+34.79	1.63'	1.86'	1.40'	0°15'34"	0°39'32"
10+50.00	15.21'	17.32'	13.09'	2°25'15"	3°04'47"
10+75.00	25.00'	28.45'	21.51'	3°58'44"	7°03'31"
11+00.00	25.00'	28.45'	21.51'	3°58'44"	11°02'16"
11+25.00	25.00'	28.45'	21.51'	3°58'44"	15°01'00"
11+50.00	25.00'	28.45'	21.51'	3°58'44"	18°59'44"
11+68.80	18.80'	21.40'	16.18'	2°59'32"	21°59'16"

Curve #4
Curve Data Based on Centerline
Rad. = 400' Delta = 3° 17' 55" Tangent = 11.52'
Arc = 23.03' L.C. = 23.03' Del./ft. = 4.29693 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
11+68.80	-	-	-	0°00'00"	0°00'00"
11+75.00	6.20'	5.81'	6.59'	0°26'38"	0°26'38"
11+91.83	16.83'	15.78'	17.88'	1°12'19"	1°38'57"



NOTE:
ROLL TYPE CURB & GUTTER TO
BE CONSTRUCTED ON THE
PAYEMENT SHOWN ON THIS SHEET.
TOP OF CURB ELEVATIONS ARE
GIVEN FOR FULL HEIGHT CURB.

24TH ST. N.
STA 10+34.79 TO STA 11+91.83

ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER
472-84249

DESIGN
ATD

DRAWN
TMS

APPROVED
DATE
01/06

SCALE
Noted

SHEET
8 OF 39

KrugNorth2ndPhase11Sheet3

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