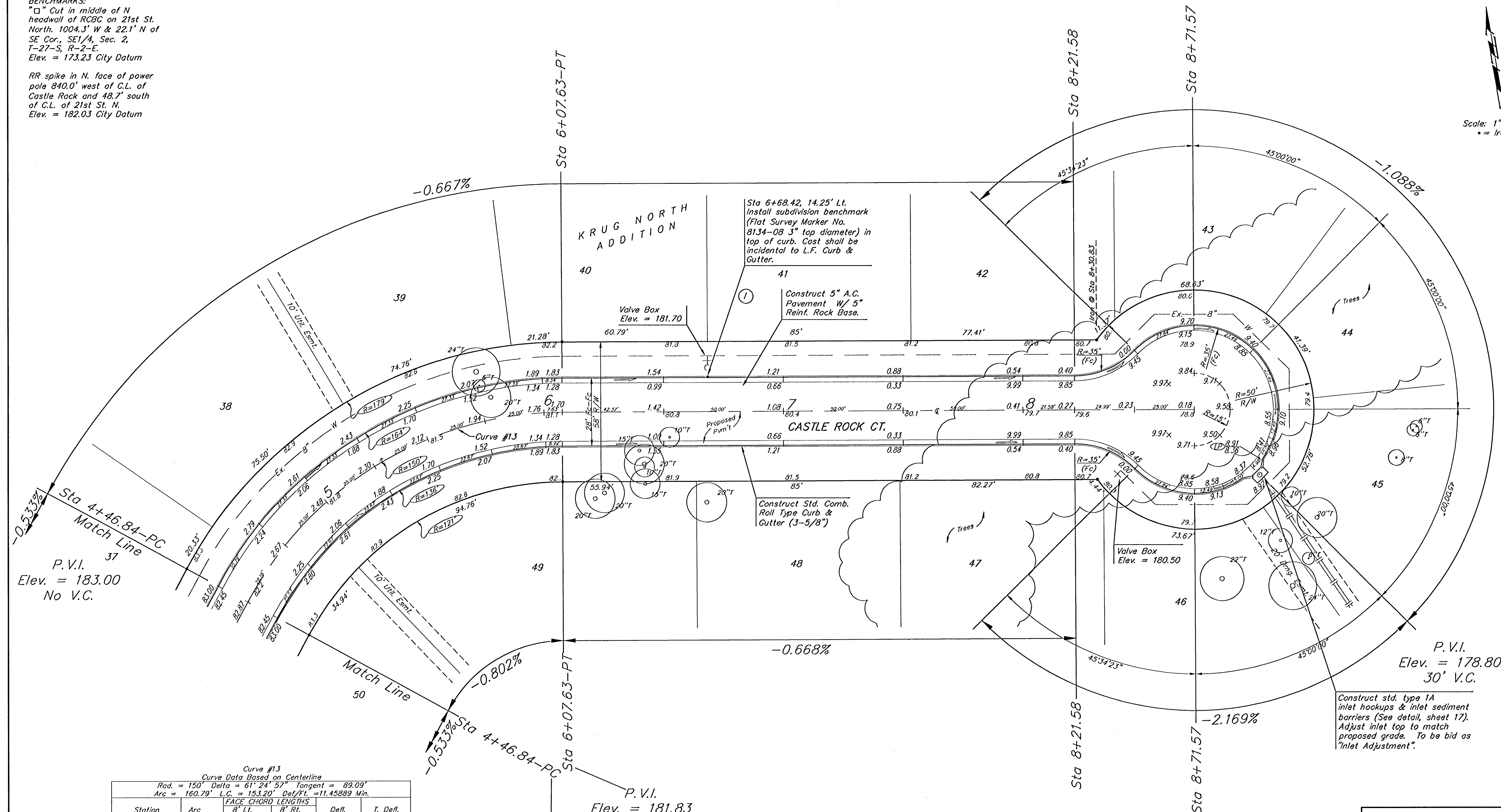
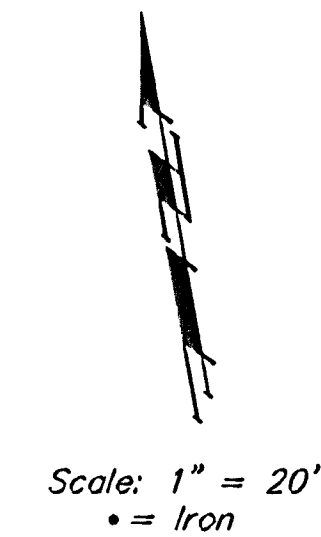


**BENCHMARKS:**  
 "□" Cut in middle of N headwall of RCBC on 21st St. North, 1004.3' W & 22.1' N of SE Cor., SE 1/4, Sec. 2, T-27-S, R-2-E.  
 Elev. = 173.23 City Datum

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. = 183.00  
 No V.C.

P.V.I.  
 Elev. = 178.80  
 30' V.C.

P.V.I.  
 Elev. = 181.83  
 No V.C.  
 P.V.I.  
 Elev. = 183.00  
 No V.C.

Curve #13  
 Curve Data Based on Centerline  
 Rad. = 150' Delta = 61° 24' 57" Tangent = 89.09'  
 Arc = 160.79' L.C. = 153.20' Del/Ft. = 11.45889 Min.

Station	Arc	FACE CHORD LENGTHS		Del.	T. Del.
		8' Lt.	8' Rt.		
4+46.84	3.16'	3.62'	2.70'	0°00'00"	0°00'00"
4+50.00	25.00'	28.63'	21.31'	4°46'28"	5°22'41"
4+75.00	25.00'	28.63'	21.31'	4°46'28"	10°09'09"
5+00.00	25.00'	28.63'	21.31'	4°46'28"	14°55'38"
5+25.00	25.00'	28.63'	21.31'	4°46'28"	19°42'06"
5+50.00	25.00'	28.63'	21.31'	4°46'28"	24°28'34"
5+75.00	25.00'	28.63'	21.31'	4°46'28"	29°15'03"
6+00.00	25.00'	28.63'	21.31'	4°46'28"	34°01'31"
6+07.63	7.63'	8.75'	6.51'	1°27'26"	30°42'29"

Remove trees only as necessary for street construction. Cost of removal to be incidental to lump sum bid item "Site Clearing & Restoration".

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.

Construct std. type 1A inlet hookups & inlet sediment barriers (See detail, sheet 17). Adjust inlet top to match proposed grade. To be bid as "Inlet Adjustment".

**Baughman** KRUG NORTH ADDITION - PHASE I  
**CASTLE ROCK CT.**  
 STA 4+46.84 TO STA 8+71.57

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7171 F 316.262.0149  
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 47283973	DESIGN NBW	DRAWN TMS
REVISIONS:	APPROVED	DATE 05/04
	SCALE Noted	SHEET 14 OF 30

KrugNorth/Stu8 0407.E848