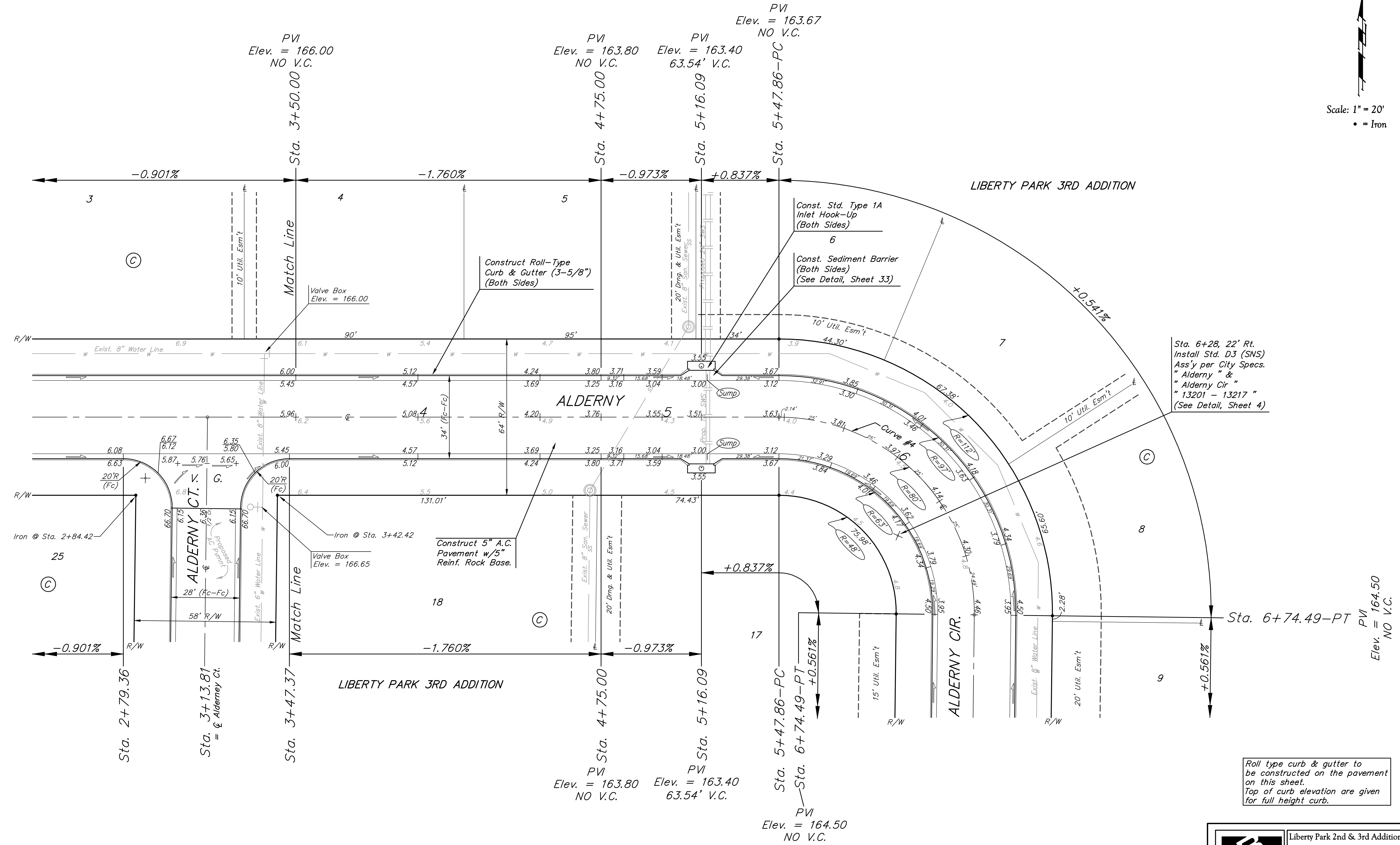
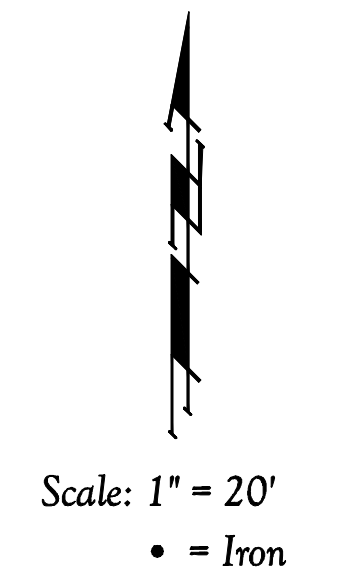


**BENCHMARKS:**  
 BM #1: C.O.W. benchmark disk.  
 56' E and 55' N of CL 135th  
 St. W. & 13th St. N.  
 Elev. = 167.83 (City Datum)  
 BM #2: RR spike in east face  
 of power pole 1/4 mile S &  
 31' E of intersection of 135th  
 St. W. & 13th St. N.  
 Elev. = 170.85 (City Datum)  
 BM #3: "□" cut in top of curb  
 N end of W curb return of  
 Forest View & Forest View Ct.  
 Elev. = 165.07 (City Datum)



Roll type curb & gutter to be constructed on the pavement on this sheet. Top of curb elevation are given for full height curb.

Curve #4  
 Curve Data Based on Centerline  
 Rad. = 80' Delta = 90° 41' 26" Tangent = 80.97'  
 Arc = 126.63' L.C. = 113.82' Def./Ft. = 21.48556 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
5+47.86	-	-	-	0'00'00"	0'00'00"
5+50.00	2.14'	2.81'	1.47'	0'45'59"	0'45'59"
5+75.00	25.00'	32.68'	17.12'	8'57'08"	9'43'07"
6+00.00	25.00'	32.68'	17.12'	8'57'08"	18'40'15"
6+25.00	25.00'	32.68'	17.12'	8'57'09"	27'37'24"
6+50.00	25.00'	32.68'	17.12'	8'57'08"	36'34'32"
6+74.49	24.49'	32.02'	16.77'	8'46'11"	45'20'43"

**Baughman** Liberty Park 2nd & 3rd Addition - Phase I  
**ALDERNEY**  
 STA. 3+47.37 STA. 6+74.49

Baughman Company, P.A. 315 Ellis St. Wilkes-Barre, PA 18201  
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER: 472-83881  
 DESIGN: NBW/JAK  
 DRAWN: JAK  
 APPROVED: NBW  
 DATE: 4/19/06  
 SCALE: Noted  
 SHEET: 13 OF 53

E:\Eng\Liberty Park 3rd\Phase I\Sheet 13 of 53.dwg 03-09-2010