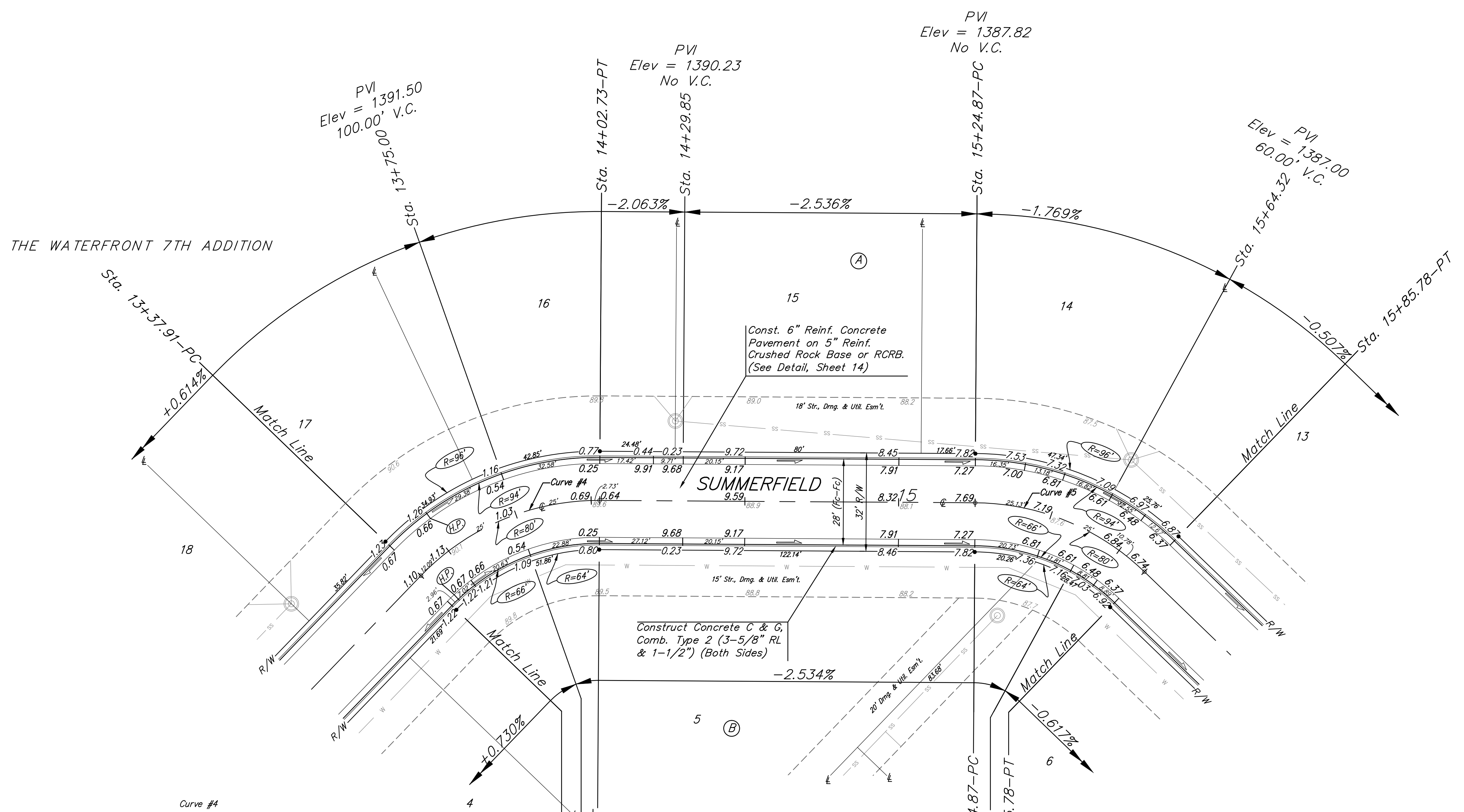
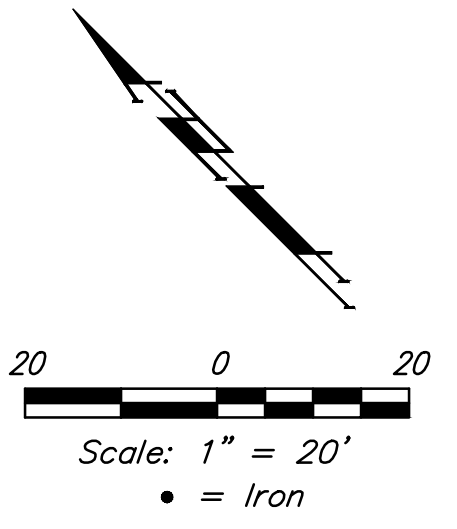


BENCHMARKS

BM #1:
"□" Chiseled on Top of Curb.
West End of South Median Curb
within Castlewood
Elevation = 1380.50 (NAVD 88)

BM #2
"X" Chiseled on Back of Walk.
Near the Southeast corner of
Lot 2, Block A, The Waterfront
7th Addition
Elevation = 1381.88 (NAVD 88)

BM #3
"□" Chiseled on Back of Walk.
Northeast corner of parking lot
within Lot 1, Block 1, The
Waterfront 4th Addition
Elevation = 1389.50 (NAVD 88)



Curve #4
Curve Data Based on Centerline
Rad. = 80' Delta = 46°25'33" Tangent = 34.31'
Arc = 64.82' L.C. = 63.06' Def./Ft. = 21.48681 Min.

Station	Arc	Face Chord Lengths		Defl.	Total Defl.
		8' Left	8' Right		
13+37.91	-	-	-	0'00"00"	0'00"00"
13+50.00	12.09'	15.40'	8.76'	4'19"47"	4'19"47"
13+75.00	25.00'	31.75'	18.05'	8'57"10"	13'16"57"
14+00.00	25.00'	31.75'	18.05'	8'57"10"	22'14"07"
14+02.73	2.73'	3.48'	1.98'	0'58"40"	23'12"47"

Curve #5
Curve Data Based on Centerline
Rad. = 80' Delta = 43°37'44" Tangent = 32.02'
Arc = 60.91' L.C. = 59.46' Def./Ft. = 21.48853 Min.

Station	Arc	Face Chord Lengths		Defl.	Total Defl.
		8' Left	8' Right		
15+24.87	-	-	-	0'00"00"	0'00"00"
15+25.00	0.13'	0.17'	0.09'	0'02"48"	0'02"48"
15+50.00	25.00'	31.75'	18.05'	8'57"12"	9'00"00"
15+75.00	25.00'	31.75'	18.05'	8'57"13"	17'57"13"
15+85.78	10.78'	13.74'	7.81'	3'51"39"	21'48"52"

	The Waterfront 7th Addition	
	SUMMERFIELD	
Sta. 13+37.91 to Sta. 15+85.78		
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149		
ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE		
PROJECT NUMBER	DESIGN	DRAWN
	AEG	JAK
REVISIONS:	APPROVED	DATE
		11/14
	SCALE	
	Noted	
	SHEET	
		10 OF 33

