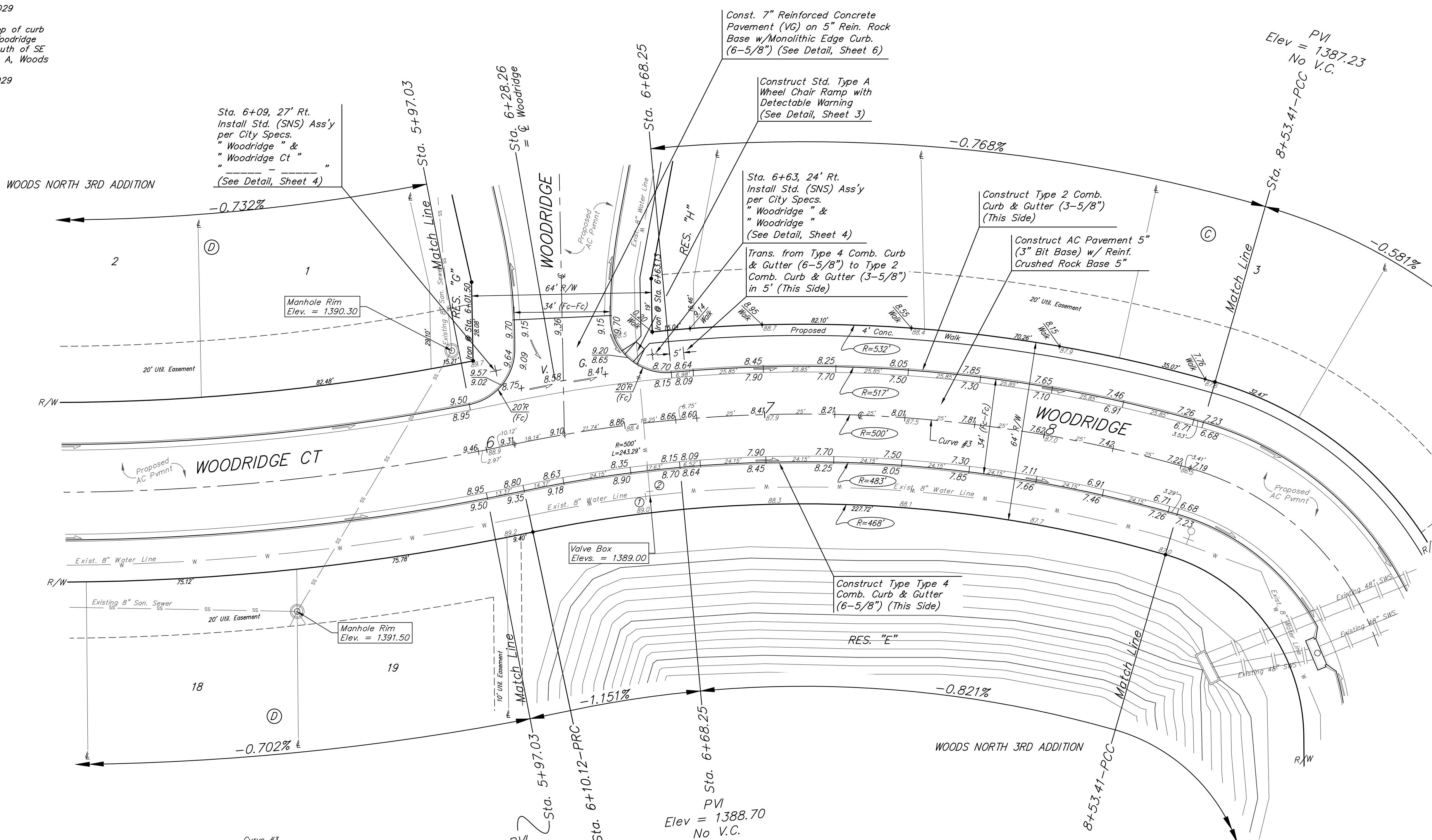
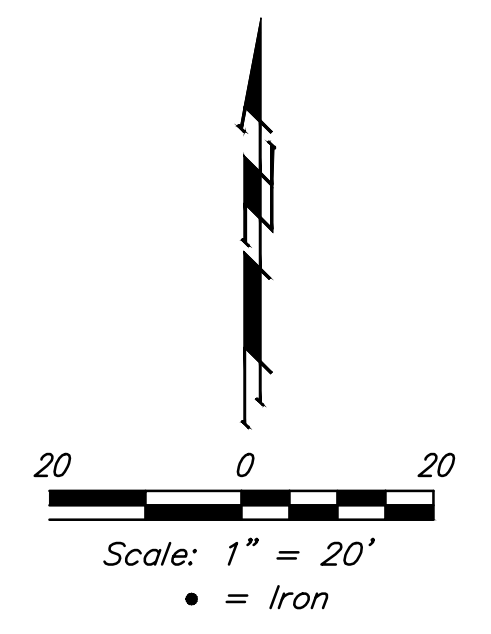


**BENCHMARKS:**

BM #1: "□" cut in top of curb near intersection of 27th Street North & Woodridge, south of SE corner of Lot 24, Block C, Woods North 3rd Addition.  
Elev. = 1392.97 NGVD29

BM #2: "□" cut in top of curb near intersection of Woodridge Court & Woodridge, south of SE corner of Lot 6, Block A, Woods North 3rd Addition.  
Elev. = 1390.10 NGVD29



Curve #3  
Curve Data Based on Centerline  
Rad. = 500' Delta = 27°52'45" Tangent = 124.10'  
Arc = 243.29' L.C. = 240.90' Def./ft. = 3.43777 Min.

Station	Arc	Face Chord Lengths		Defl.	Total Defl.
		8' Left	8' Right		
6+10.12	-	-	-	0'00'00"	0'00'00"
6+25.00	14.88'	15.62'	14.14'	0'51'09"	0'51'09"
6+50.00	25.00'	26.25'	23.75'	1'25'57"	2'17'06"
6+68.25	18.25'	19.16'	17.34'	1'02'44"	3'19'50"
6+75.00	6.75'	7.09'	6.41'	0'23'13"	3'43'03"
7+00.00	25.00'	26.25'	23.75'	1'25'56"	5'08'59"
7+25.00	25.00'	26.25'	23.75'	1'25'57"	6'34'56"
7+50.00	25.00'	26.25'	23.75'	1'25'57"	8'00'53"
7+75.00	25.00'	26.25'	23.75'	1'25'56"	9'26'49"
8+00.00	25.00'	26.25'	23.75'	1'25'57"	10'52'46"
8+25.00	25.00'	26.25'	23.75'	1'25'56"	12'18'42"
8+50.00	25.00'	26.25'	23.75'	1'25'57"	13'44'39"
8+53.41	3.41'	3.58'	3.24'	0'11'43"	13'56'22"

PVI  
Elev = 1389.50  
No V.C.

**VALVE LOCATION TABLE**

Valve Number	Baseline Station	Offset Distance	Offset Direction
1	6+54.14	26'	Rt.
2	6+56.14	24'	Rt.
3	11+92.79	26'	Rt.

PVI  
Elev = 1388.70  
No V.C.

**SUBDIVISION BENCH MARKS**

Street & Station	Location Description	Elevation
Woodridge Ct. 3+11.03, 17.25' Rt.	Adjacent to Fire Hydrant at NE Corner of Lot 15, Block D.	
Woodridge 8+61.73, 17.25' Rt.	Adjacent to Fire Hydrant at NE Corner of Reserve "E"	

Type 2 Comb. Curb & Gutter (3-5/8") to be constructed on the pavement on this sheet. Top of curb elevation are given for full height curb (6-5/8").



**Baughman** Woods North 3rd Addition - Phase IV  
**WOODRIDGE**  
Sta. 5+59.42 to Sta. 9+18.04

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 472-85049	DESIGN AEG	DRAWN JAK
REVISIONS:	APPROVED	DATE 3/31/16
	SCALE Noted	SHEET <b>10 OF 24</b>

E:\Projects\Woods North 3rd\_11-12-P847\Engineering\Phase 4\STR\_1508-E280\STR PLANS.dwg