

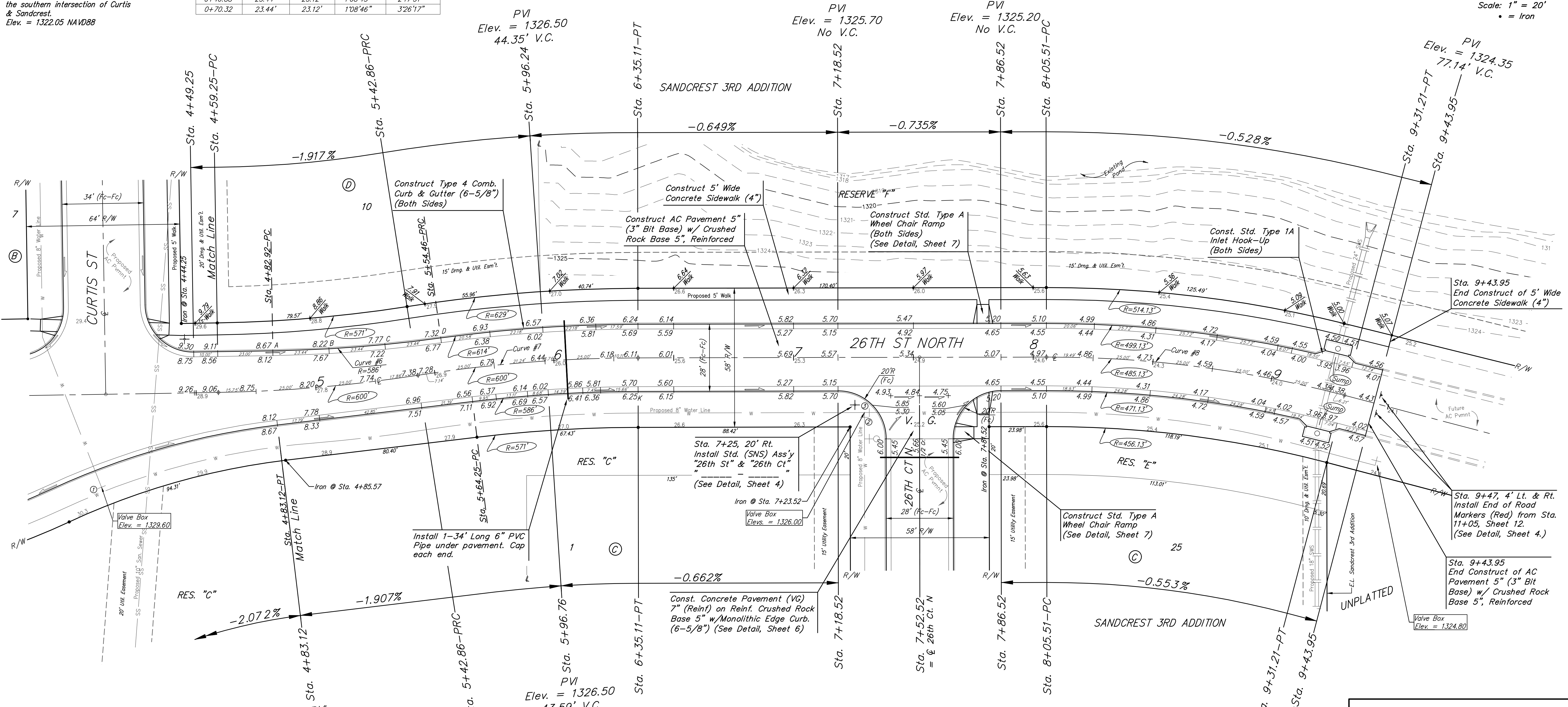
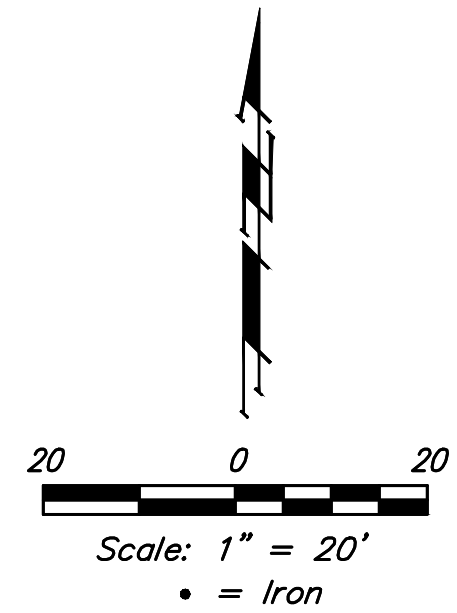
**BENCHMARKS:**  
 City of Wichita Benchmark Disk  
 34.9' S. & 31.2' W. of the SW Cor.,  
 NW1/4, Sec. 2, Twp. 27-S, R-1-W.  
 Elev. = 1327.57 NAVD88

"□" cut in top of curb 1.5'  
 north of the northeast corner of  
 Lot 20, Block B, Sandcrest Addn.  
 Elev. = 1327.21 NAVD88

"□" cut in top of east curb  
 inlet at the southeast corner of  
 the southern intersection of Curtis  
 & Sandcrest.  
 Elev. = 1322.05 NAVD88

Curve #6  
 Curve Data Based on Face of Curb  
 Rad. = 586' Delta = 6°52'34" Tangent = 35.21'  
 Arc = 70.32' L.C. = 70.28' Def./Ft. = 2.93349 Min.

Station	Arc	Chord 8' Lt.	Defl.	Total Defl.
0+00.00	-	-	0°00'00"	0°00'00"
0+23.44	23.44'	23.12'	1°08'46"	1°08'46"
0+46.88	23.44'	23.12'	1°08'45"	2°17'31"
0+70.32	23.44'	23.12'	1°08'46"	3°26'17"



Curve #7  
 Curve Data Based on Centerline  
 Rad. = 600' Delta = 8°48'32" Tangent = 46.21'  
 Arc = 92.25' L.C. = 92.16' Def./Ft. = 2.86468 Min.

Station	Arc	Face Chord Length		Defl.	Total Defl.
		8' Left	8' Right		
5+42.86	-	-	-	0°00'00"	0°00'00"
5+54.46	11.60'	12.02'	11.17'	0°33'14"	0°33'14"
5+64.25	9.79'	10.15'	9.43'	0°28'03"	1°01'17"
5+75.00	10.75'	11.14'	10.36'	0°30'47"	1°32'04"
6+00.00	25.00'	25.91'	24.08'	1°11'37"	2°43'41"
6+25.00	25.00'	25.91'	24.08'	1°11'37"	3°55'18"
6+35.11	10.11'	10.48'	9.74'	0°28'58"	4°24'16"

Curve #8  
 Curve Data Based on Centerline  
 Rad. = 485.13' Delta = 14°50'48" Tangent = 63.21'  
 Arc = 125.70' L.C. = 125.36' Def./Ft. = 3.54336 Min.

Station	Arc	Face Chord Length		Defl.	Total Defl.
		8' Left	8' Right		
8+05.51	-	-	-	0°00'00"	0°00'00"
8+25.00	19.49'	20.37'	18.61'	1°09'04"	1°09'04"
8+50.00	25.00'	26.13'	23.87'	1°28'35"	2°37'39"
8+75.00	25.00'	26.13'	23.87'	1°28'35"	4°06'14"
9+00.00	25.00'	26.13'	23.87'	1°28'35"	5°34'49"
9+25.00	25.00'	26.13'	23.87'	1°28'35"	7°03'24"
9+31.21	6.21'	6.49'	5.93'	0°22'00"	7°25'24"

**Baughman** Sandcrest 3rd Addition  
**26TH STREET N**  
 Sta. 4+83.12 to Sta. 9+43.95

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: 472-85423 DESIGN: AEG DRAWN: JAK  
 REVISIONS: APPROVED: DATE: 1/15/18  
 SCALE: Noted SHEET: 9 OF 50

Project\Sandcrest 3rd Addition\_17-06-P296\Engineering\Phase 1\Str. 16114584\STR PLANS.dwg