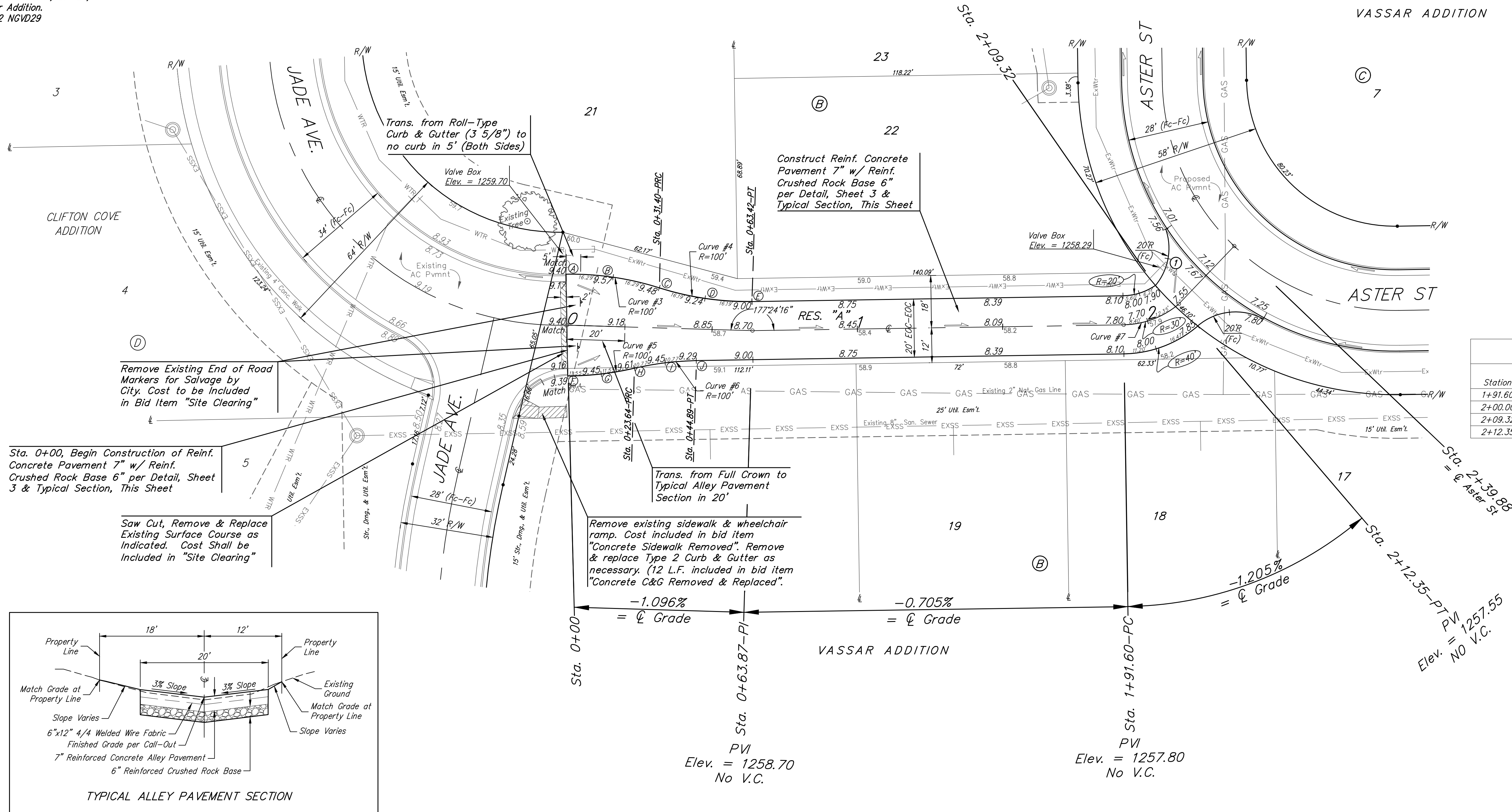
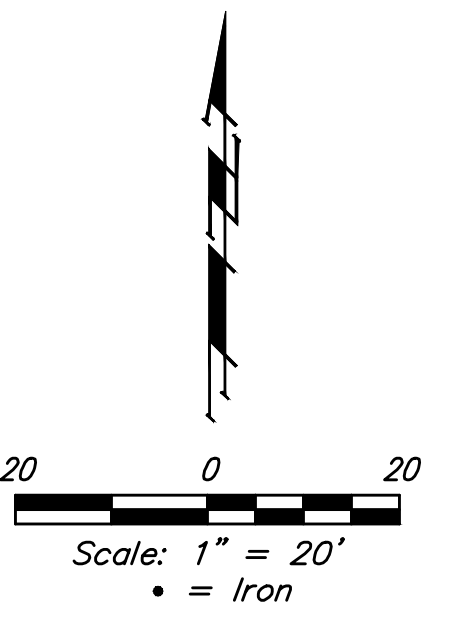


**BENCHMARKS:**  
 Chiseled square on top of catch basin, 43.5' N. & 20.4' W. of the northwest corner of Lot 24, Block B, Vassar Addition.  
 Elev. = 1259.55 NGVD29

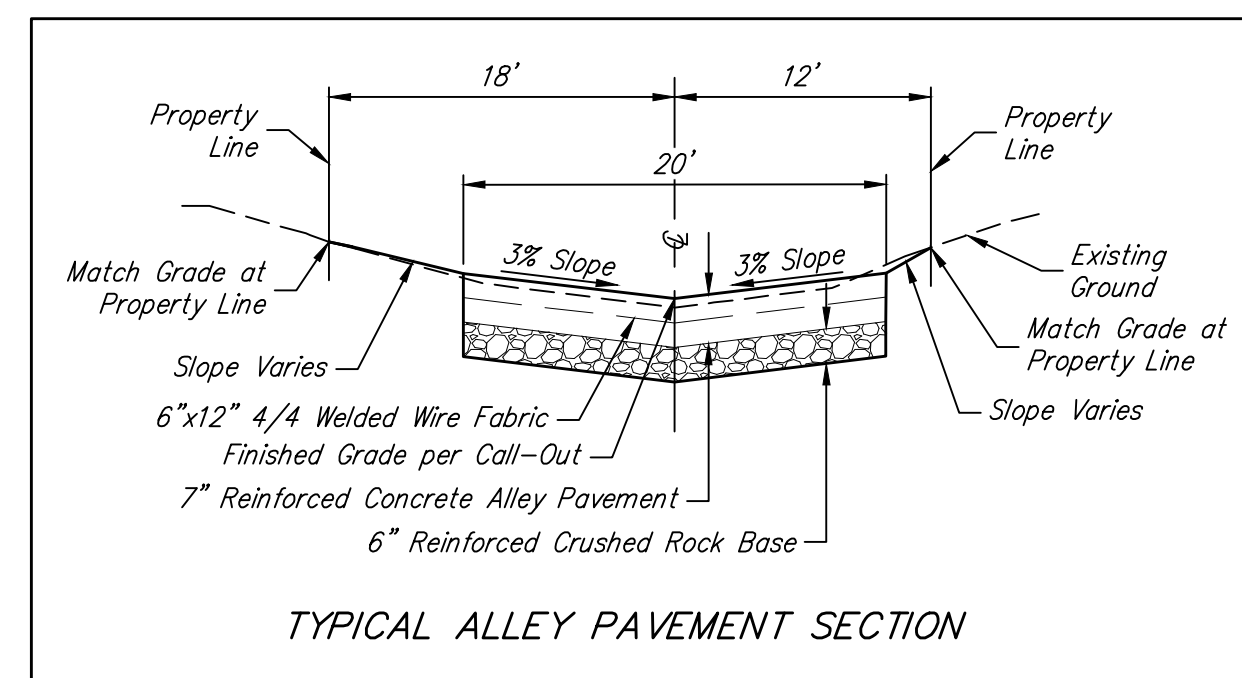
Chiseled cross on top of catch basin, 48.2' N. & 41.2' W. of the northeast corner of Lot 37, Block B, Vassar Addition.  
 Elev. = 1258.46 NGVD29

Chiseled cross on walk, most easterly corner, (block corner), Lot 4, Block D, Clifton Cove Addition, 35.2' W. & 8.5' S. of the northwest corner, Lot 20, Block B, Vassar Addition.  
 Elev. = 1258.62 NGVD29



Curve #7  
 Curve Data Based on Centerline  
 Rad. = 30' Delta = 39°38'22" Tangent = 10.81'  
 Arc = 20.75' L.C. = 20.34' Def./Ft. = 57.31004 Min.

Station	Arc	EOC Chord Length		Defl.	Total Defl.
		8' Left	8' Right		
1+91.60	-	-	-	0'00"00"	0'00"00"
2+00.00	8.40'	3.35'	13.40'	8'01'24"	8'01'24"
2+09.32	9.32'	3.71'	14.86'	8'54'08"	16'55'32"
2+12.35	3.03'	1.21'	4.85'	2'53'39"	19'49'11"



Curve #3  
 Curve Data Based on Edge of Pavement  
 Rad. = 100' Delta = 18°40'12" Tangent = 16.44'  
 Arc = 32.58' L.C. = 32.44' Def./Ft. = 17.19153 Min.

Station	Arc	Chord 8' Lt.	Defl.	Total Defl.
A	-	-	0'00"00"	0'00"00"
B	16.29'	17.58'	4'40'03"	4'40'03"
C	16.29'	17.58'	4'40'03"	9'20'06"

Curve #4  
 Curve Data Based on Edge of Pavement  
 Rad. = 100' Delta = 18°33'14" Tangent = 16.33'  
 Arc = 32.38' L.C. = 32.24' Def./Ft. = 17.19014 Min.

Station	Arc	Chord 8' Lt.	Defl.	Total Defl.
C	-	-	0'00"00"	0'00"00"
D	16.19'	14.88'	4'38'18"	4'38'18"
E	16.19'	14.88'	4'38'18"	9'16'37"

Curve #5  
 Curve Data Based on Edge of Pavement  
 Rad. = 100' Delta = 13°14'17" Tangent = 11.60'  
 Arc = 23.10' L.C. = 23.05' Def./Ft. = 17.19228 Min.

Station	Arc	Chord 8' Rt.	Defl.	Total Defl.
F	-	-	0'00"00"	0'00"00"
G	11.55'	12.47'	3'18'34"	3'18'34"
H	11.55'	12.47'	3'18'35"	6'37'09"

Curve #6  
 Curve Data Based on Edge of Pavement  
 Rad. = 100' Delta = 12°20'30" Tangent = 10.81'  
 Arc = 21.54' L.C. = 21.50' Def./Ft. = 17.18895 Min.

Station	Arc	Chord 8' Rt.	Defl.	Total Defl.
H	-	-	0'00"00"	0'00"00"
I	10.77'	9.90'	3'05'07"	3'05'07"
J	10.77'	9.90'	3'05'08"	6'10'15"



**Baughman** Vassar Addition - Phase III  
**RESERVE "A"**  
 Sta. 0+00 to Sta. 2+10.87

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: 472-83258  
 DESIGN: AEG DRAWN: JAK  
 APPROVED: DATE: 4/20/17  
 SCALE: Noted  
 SHEET: 7 OF 18

REVISIONS:

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