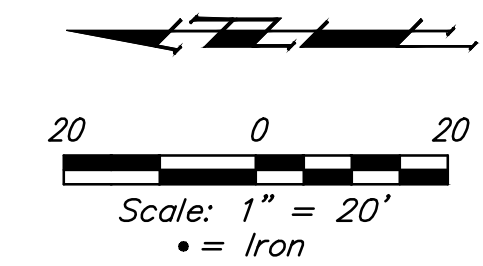


BENCHMARKS:
 "X" CUT ON TOP OF CURB INLET NORTH SIDE OF CENTRAL 96' W. OF WESTERN PROPERTY LINE OF CASTLEGATE ADDITION.
 N: 4997.42 E: 4999.10
 ELEV. = 1341.99 (NAVD88)

"X" CUT IN CURB INLET EAST SIDE OF AZURE ST. NEAR NORTH END OF CASTLEGATE ADDITION
 N: 6320.08 E: 5589.16
 ELEV. = 1342.58 (NAVD88)

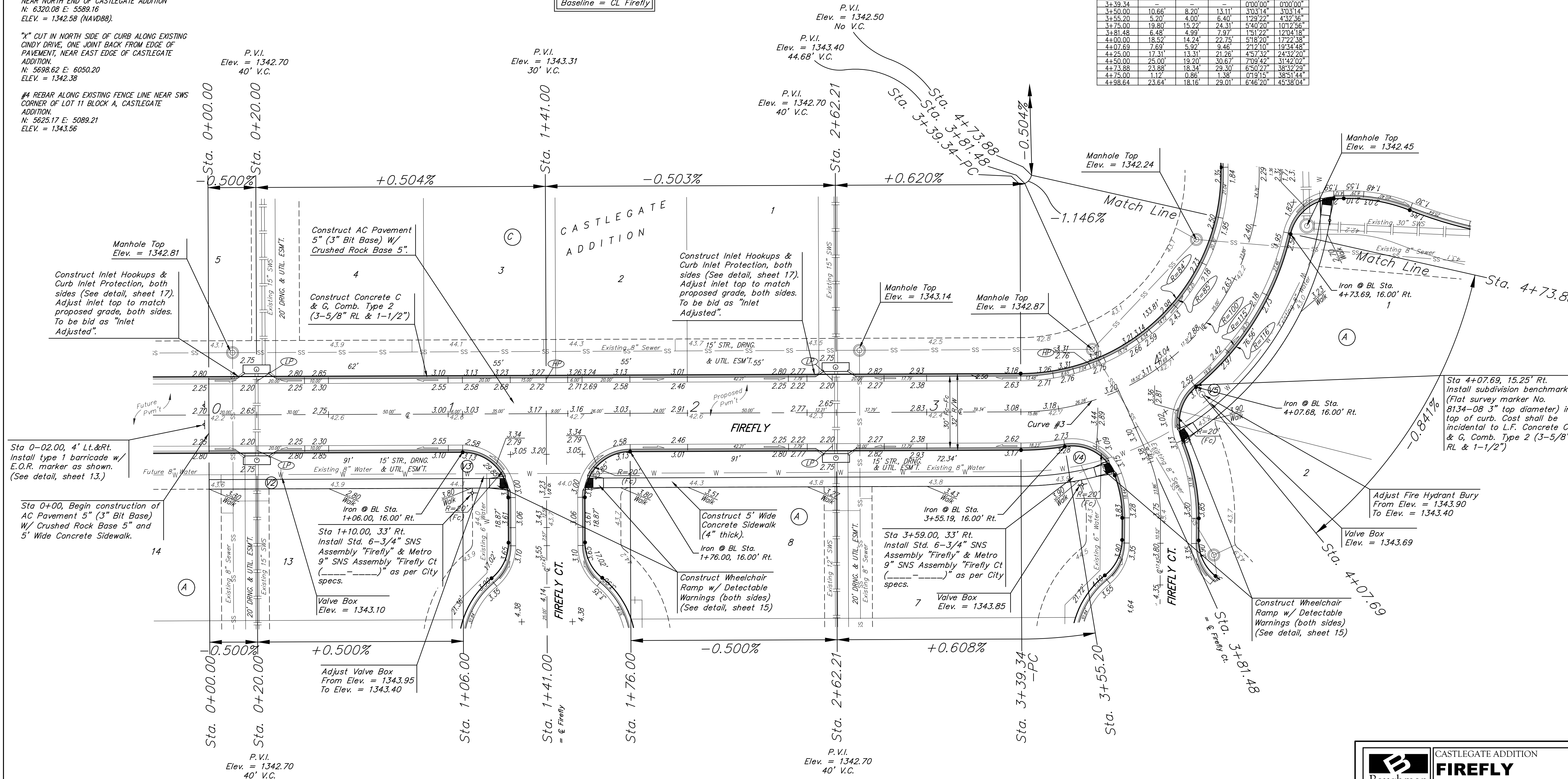
"X" CUT IN NORTH SIDE OF CURB ALONG EXISTING GINDY DRIVE, ONE JOINT BACK FROM EDGE OF PAVEMENT, NEAR EAST EDGE OF CASTLEGATE ADDITION.
 N: 5698.62 E: 6050.20
 ELEV. = 1342.38

#4 REBAR ALONG EXISTING FENCE LINE NEAR SWS CORNER OF LOT 11 BLOCK A, CASTLEGATE ADDITION.
 N: 5625.17 E: 5889.21
 ELEV. = 1343.56



Curve #3					
Curve Data Based on Centerline					
Rad. = 100' Delta = 91°16'08" Tangent = 102.24'					
Arc = 159.30' L.C. = 142.98' Def./Ft. = 17.18811 Min.					
Station	Arc	Face Chord Lengths		Defl.	Total Defl.
		8' Left	8' Right		
3+39.34				0°00'00"	0°00'00"
3+50.00	10.66'	8.20'	13.11'	3°03'14"	3°03'14"
3+55.20	5.20'	4.00'	6.40'	1°29'22"	4°32'36"
3+75.00	19.80'	15.22'	24.31'	5°40'20"	10°12'56"
3+81.48	6.48'	4.99'	7.97'	1°51'22"	12°04'18"
4+00.00	18.52'	14.24'	22.75'	5°18'20"	17°22'38"
4+07.69	7.69'	5.92'	9.46'	2°12'10"	19°34'48"
4+25.00	17.31'	13.31'	21.26'	4°57'32"	24°32'20"
4+50.00	25.00'	19.20'	30.67'	7°09'42"	31°42'02"
4+73.88	23.88'	18.34'	29.30'	6°50'27"	38°32'29"
4+75.00	1.12'	0.86'	1.38'	0°19'15"	38°51'44"
4+98.64	23.64'	18.16'	29.01'	6°46'20"	45°38'04"

Baseline = CL Firefly



NOTE: ROLL TYPE CURB & GUTTER (TYPE 2) TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB (TYPE 4).

	CASTLEGATE ADDITION	
	FIREFLY	
STREET IMPROVEMENTS		
<small>Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE</small>		
PROJECT NUMBER	DESIGN	DRAWN
	NBW/JS	TMS
REVISIONS:	APPROVED	DATE
		06/17
	SCALE	
	Noted	
	SHEET	
		3 OF 32