

BENCHMARKS:
 #1: "□" CUT CHISELED ON CURB,
 15.2' S. OF SW COR., LOT 6,
 BLOCK A, ROCKY FORD 2ND
 ADDITION.
 ELEV. = 1385.10 NAVD88

#2: "□" CUT CHISELED ON CURB,
 8.6' N. & 11.7' W. OF SW COR.,
 LOT 14, BLOCK C, ROCKY FORD
 2ND ADDITION.
 ELEV. = 1380.11 NAVD88

Curve #2
 Curve Data Based on Centerline of Pipe
 Rad. = 175' Delta = 30°39'58" Tangent = 47.98'
 Arc = 93.66' L.C. = 92.55' Def./Ft. = 9.82225 Min.

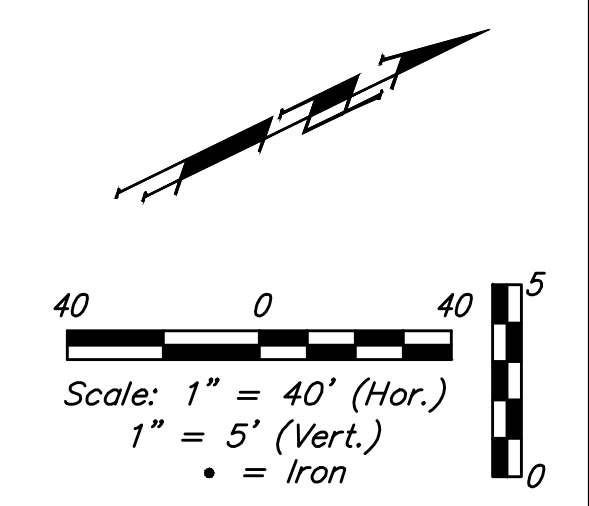
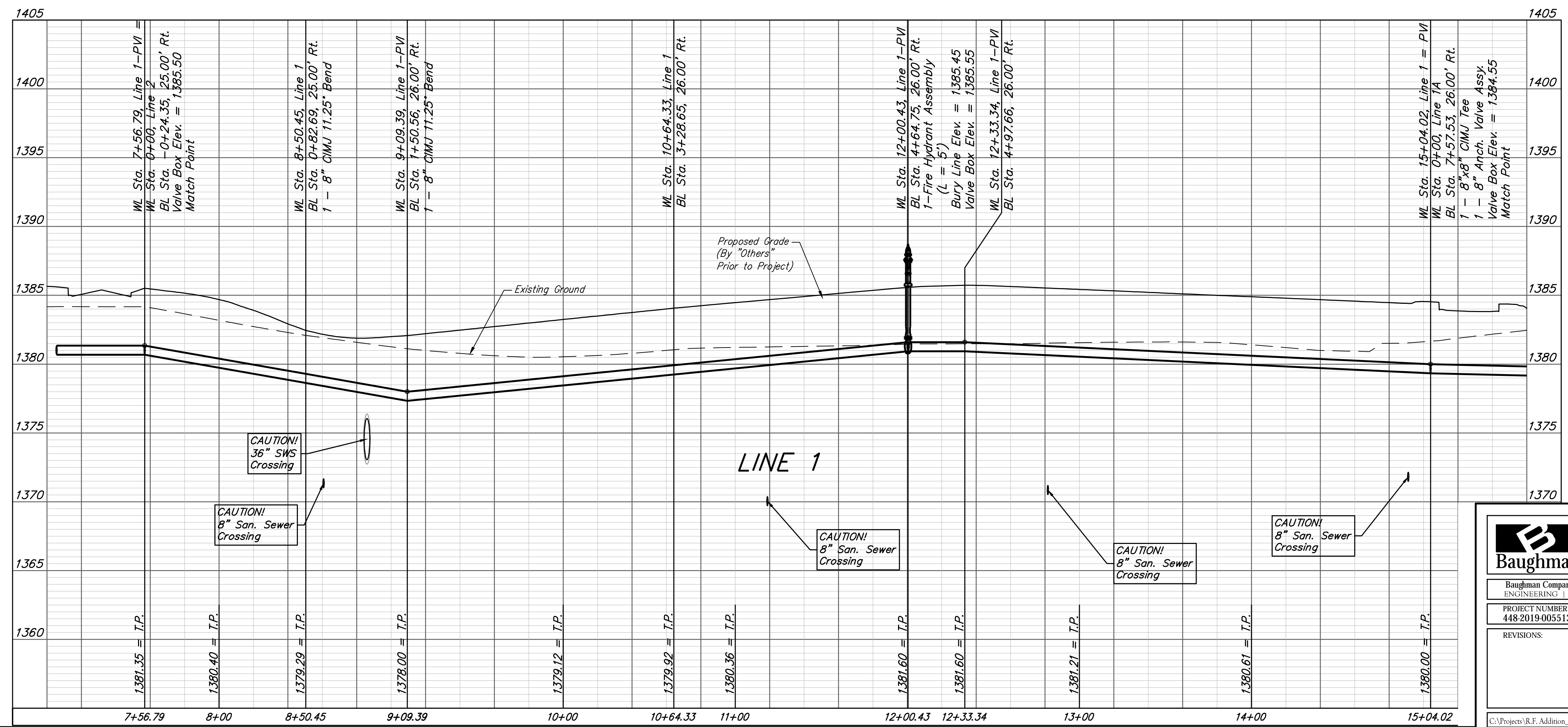
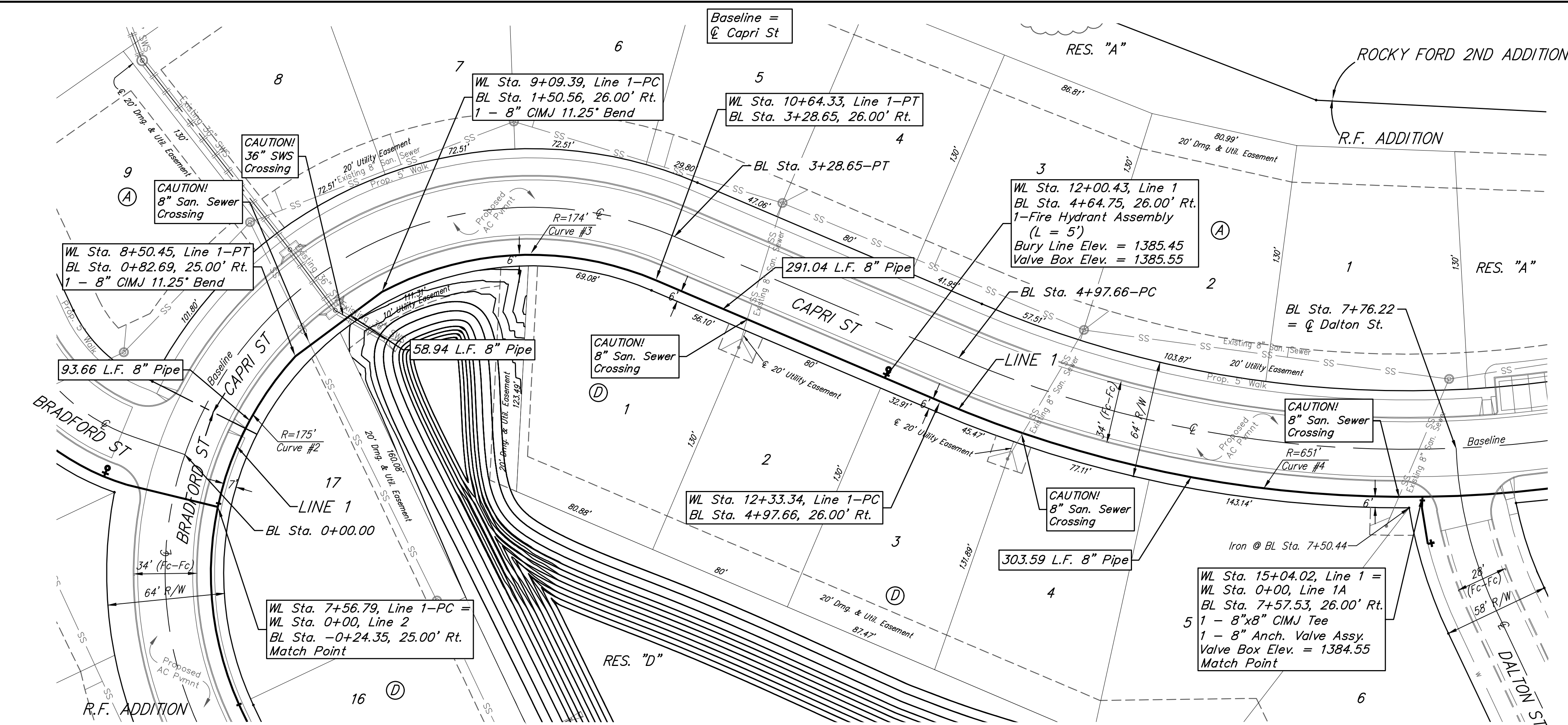
Station	Arc	Chord 8' Left	Defl.	Total Defl.
7+56.79	-	-	0'00"00"	0'00"00"
7+75.00	18.21'	15.60'	2'58"52"	2'58"52"
8+00.00	25.00'	21.41'	4'05"34"	7'04"26"
8+25.00	25.00'	21.41'	4'05"34"	11'10"00"
8+50.00	25.00'	21.41'	4'05"34"	15'15"34"
8+50.45	0.45'	0.39'	0'04"25"	15'19"59"

Curve #3
 Curve Data Based on Centerline of Pipe
 Rad. = 174' Delta = 51°01'16" Tangent = 83.03'
 Arc = 154.94' L.C. = 149.88' Def./Ft. = 9.87888 Min.

Station	Arc	Chord 8' Left	Defl.	Total Defl.
9+09.39	-	-	0'00"00"	0'00"00"
9+25.00	15.61'	13.36'	2'34"13"	2'34"13"
9+50.00	25.00'	21.39'	4'06"58"	6'41"11"
9+75.00	25.00'	21.39'	4'06"58"	10'48'09"
10+00.00	25.00'	21.39'	4'06"58"	14'55'08"
10+25.00	25.00'	21.39'	4'06"58"	19'02'06"
10+50.00	25.00'	21.39'	4'06"58"	23'09'04"
10+64.33	14.33'	12.27'	2'21"34"	25'30'38"

Curve #4
 Curve Data Based on Centerline of Pipe
 Rad. = 651' Delta = 45°21'23" Tangent = 272.03'
 Arc = 515.35' L.C. = 501.99' Def./Ft. = 2.64033 Min.

Station	Arc	Chord 8' Left	Defl.	Total Defl.
12+33.34	-	-	0'00"00"	0'00"00"
12+50.00	16.66'	17.30'	0'43"59"	0'43"59"
12+75.00	25.00'	25.96'	1'06"01"	1'50"00"
13+00.00	25.00'	25.96'	1'06"01"	2'56"00"
13+25.00	25.00'	25.96'	1'06"01"	4'02"01"
13+50.00	25.00'	25.96'	1'06"01"	5'08"01"
13+75.00	25.00'	25.96'	1'06"01"	6'14"02"
14+00.00	25.00'	25.96'	1'06"01"	7'20"02"
14+25.00	25.00'	25.96'	1'06"01"	8'26"03"
14+50.00	25.00'	25.96'	1'06"01"	9'32"03"
14+75.00	25.00'	25.96'	1'06"01"	10'38"04"
15+00.00	25.00'	25.96'	1'06"01"	11'44"04"
15+25.00	25.00'	25.96'	1'06"01"	12'50"05"
15+50.00	25.00'	25.96'	1'06"01"	13'56"05"
15+75.00	25.00'	25.96'	1'06"01"	15'02"06"
16+00.00	25.00'	25.96'	1'06"01"	16'08"06"
16+25.00	25.00'	25.96'	1'06"01"	17'14"07"
16+50.00	25.00'	25.96'	1'06"01"	18'20"07"
16+75.00	25.00'	25.96'	1'06"01"	19'26"08"
17+00.00	25.00'	25.96'	1'06"01"	20'32"08"
17+25.00	25.00'	25.96'	1'06"01"	21'38"09"
17+48.69	23.69'	24.60'	1'02"32"	22'40'41"



For Radii Under 200'
 Contractor to Use
 Short Pipe Lengths



Baughman R.F. Addition - Phase I
LINE 1
 Water Distribution System

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: 448-2019-005513 DESIGN: AEG DRAWN: HWH
 APPROVED: DATE: 4/27/20
 REVISIONS: SCALE: Noted SHEET: 5 OF 16

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