

BENCHMARKS:
BM#1: Disc on Top of Curb
 South side of 27th St. N. and
 West of 27th Ct. N. Woods
 North 3rd Addition
 Elev. = 1397.69 NAVD88

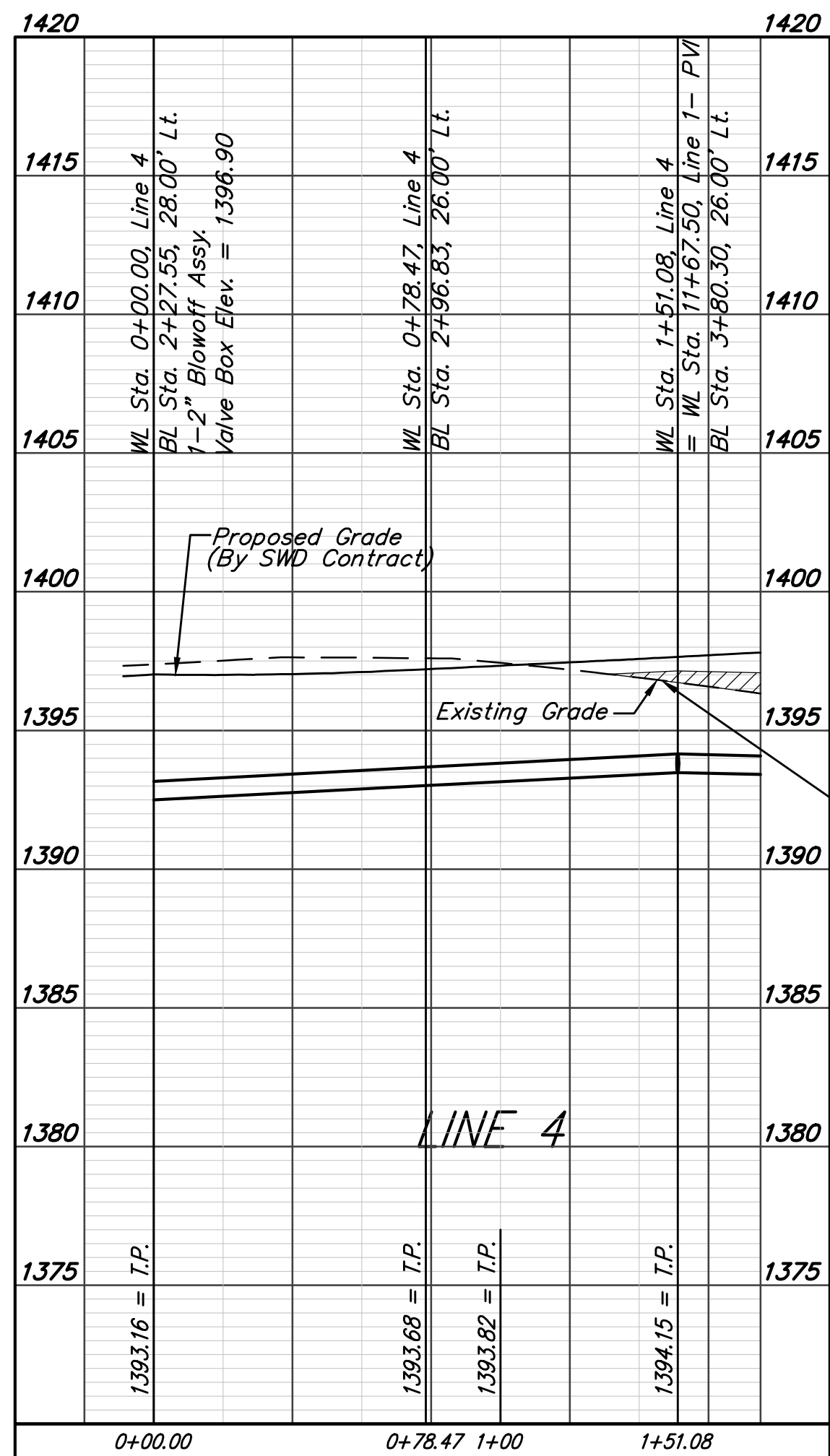
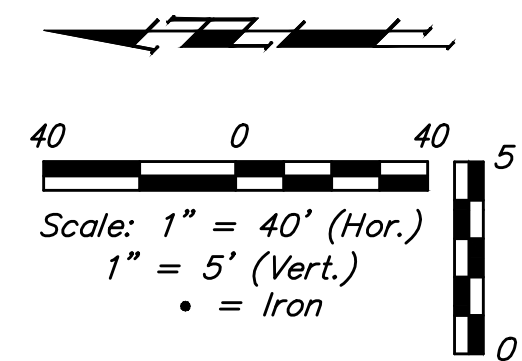
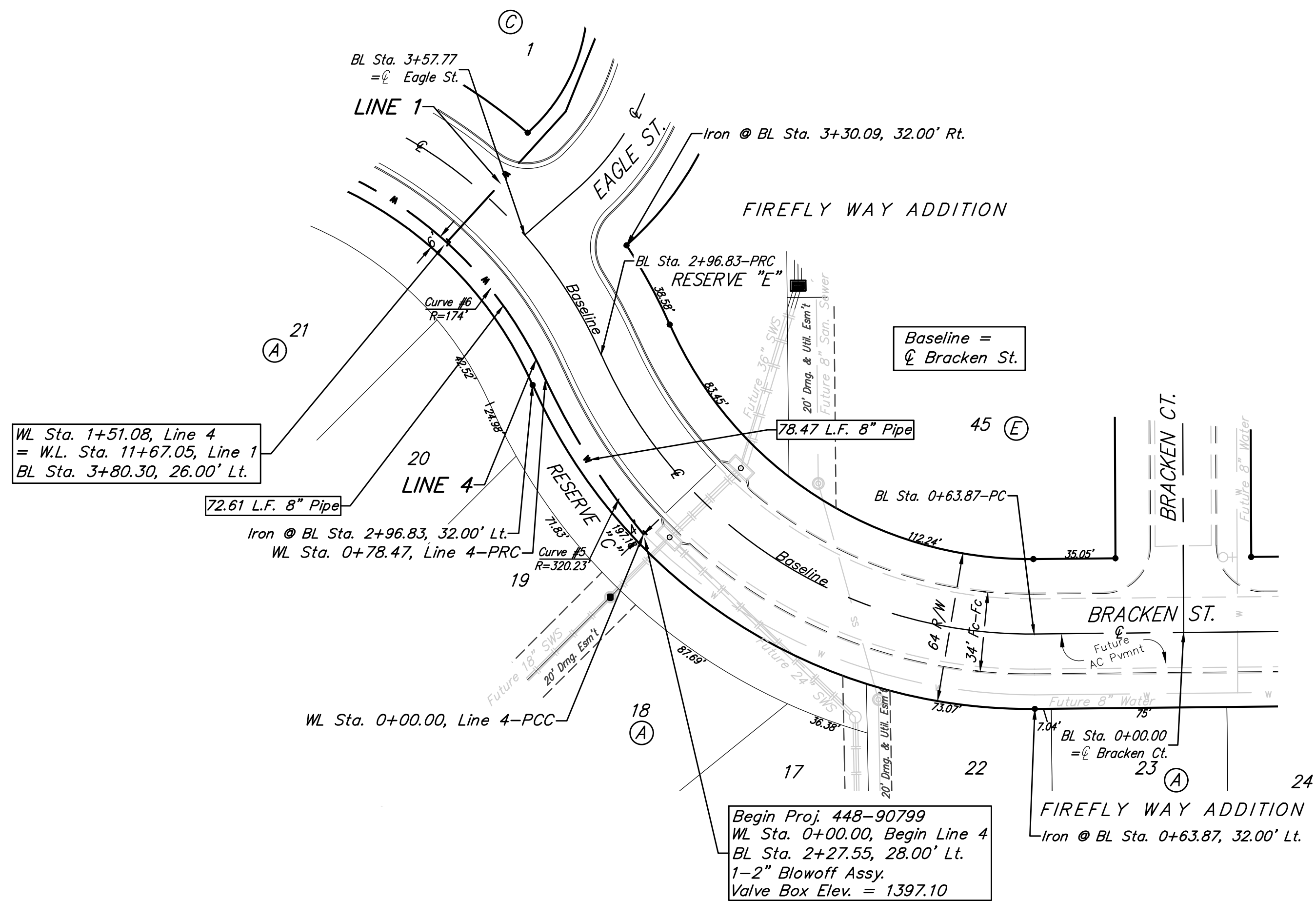
BM#2: Northwest 1/4 Corner,
 Government Lot 2, Sec. 3,
 TWP. 27-S, R-2-E
 Elev. = 1405.78 NAVD88

Curve #5
 Curve Data Based on Centerline of Pipe
 Rad. = 320.23' Delta = 1402'20" Tangent = 39.43'
 Arc = 78.47' L.C. = 78.27' Def./Ft. = 5.36723 Min.

Station	Arc	Chord 8' Left	Defl.	Total Defl.
0+00.00	-	-	0'00"00"	0'00"00"
0+25.00	25.00'	23.04'	2'14"11"	2'14"11"
0+50.00	25.00'	23.04'	2'14"11"	4'28"22"
0+75.00	25.00'	23.04'	2'14"11"	6'42"33"
0+78.47	3.47'	3.20'	0'18"37"	7'01"10"

Curve #6
 Curve Data Based on Centerline of Pipe
 Rad. = 174' Delta = 67'18"17" Tangent = 115.83'
 Arc = 72.62' L.C. = 192.85' Def./Ft. = 27.80421 Min.

Station	Arc	Chord 8' Right	Defl.	Total Defl.
0+78.29	-	-	0'00"00"	0'00"00"
1+00.00	25.00'	52.06'	10'03"38"	10'03"38"
1+25.00	25.00'	59.85'	11'35"06"	21'38"44"
1+50.00	25.00'	59.85'	11'35"06"	33'13"50"
1+50.91	0.91'	2.19'	0'25"19"	33'39"09"



	Firefly Way Addition Phase I	
	LINE 4	
Water Distribution System		
<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 468-90799	DESIGN AEG	DRAWN DJL
REVISIONS:	APPROVED	DATE 2/17
	SCALE Noted	SHEET
8 OF 18		