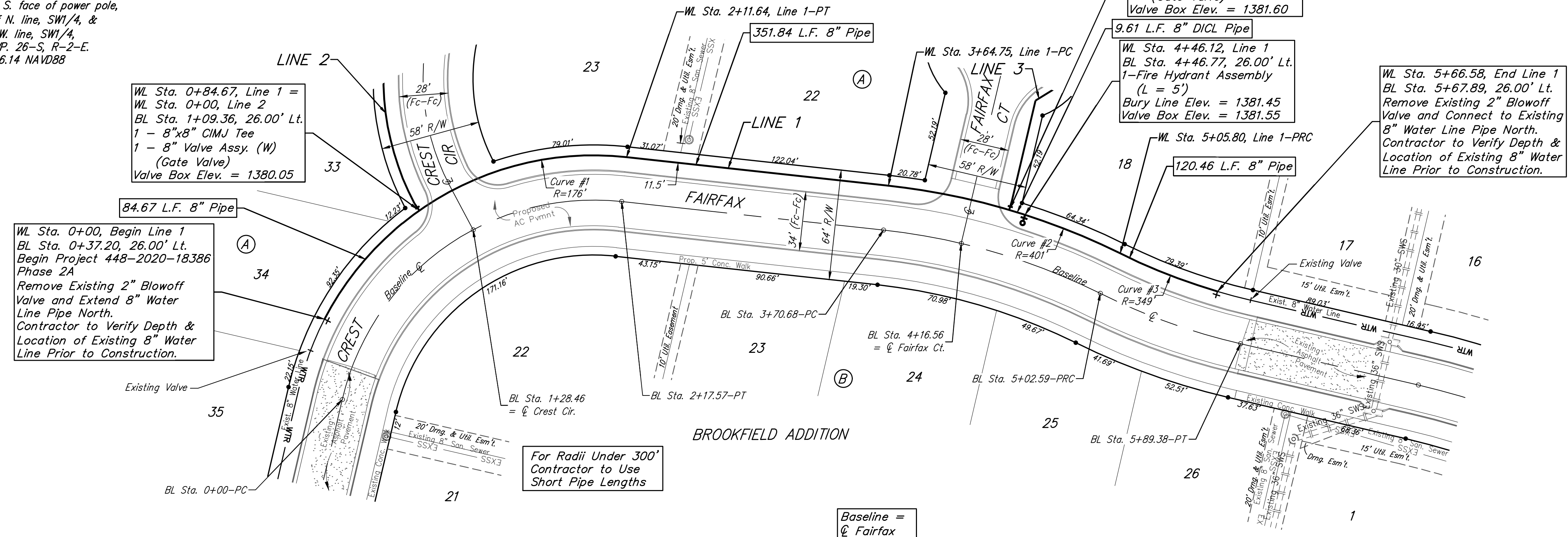


BENCHMARKS:
 RR spike in asphalt, SW COR., N1/2, SW1/4, Sec. 34, TWP. 26-S, R-2-E. Elev. = 1400.59 NAVD88

RR spike in E. face of power pole, 174± N. of S. line, N1/2, SW1/4 & 49± E. of W. line, SW1/4, Sec. 34, TWP. 26-S, R-2-E. Elev. = 1398.64 NAVD88

RR spike in S. face of power pole, 294± S. of N. line, SW1/4, & 48± E. of W. line, SW1/4, Sec. 34, TWP. 26-S, R-2-E. Elev. = 1386.14 NAVD88



Curve #1
 Curve Data Based on Centerline
 Rad. = 176' Delta = 68°53'58" Tangent = 120.73'
 Arc = 211.64' L.C. = 199.12' Def./Ft. = 9.76651 Min.

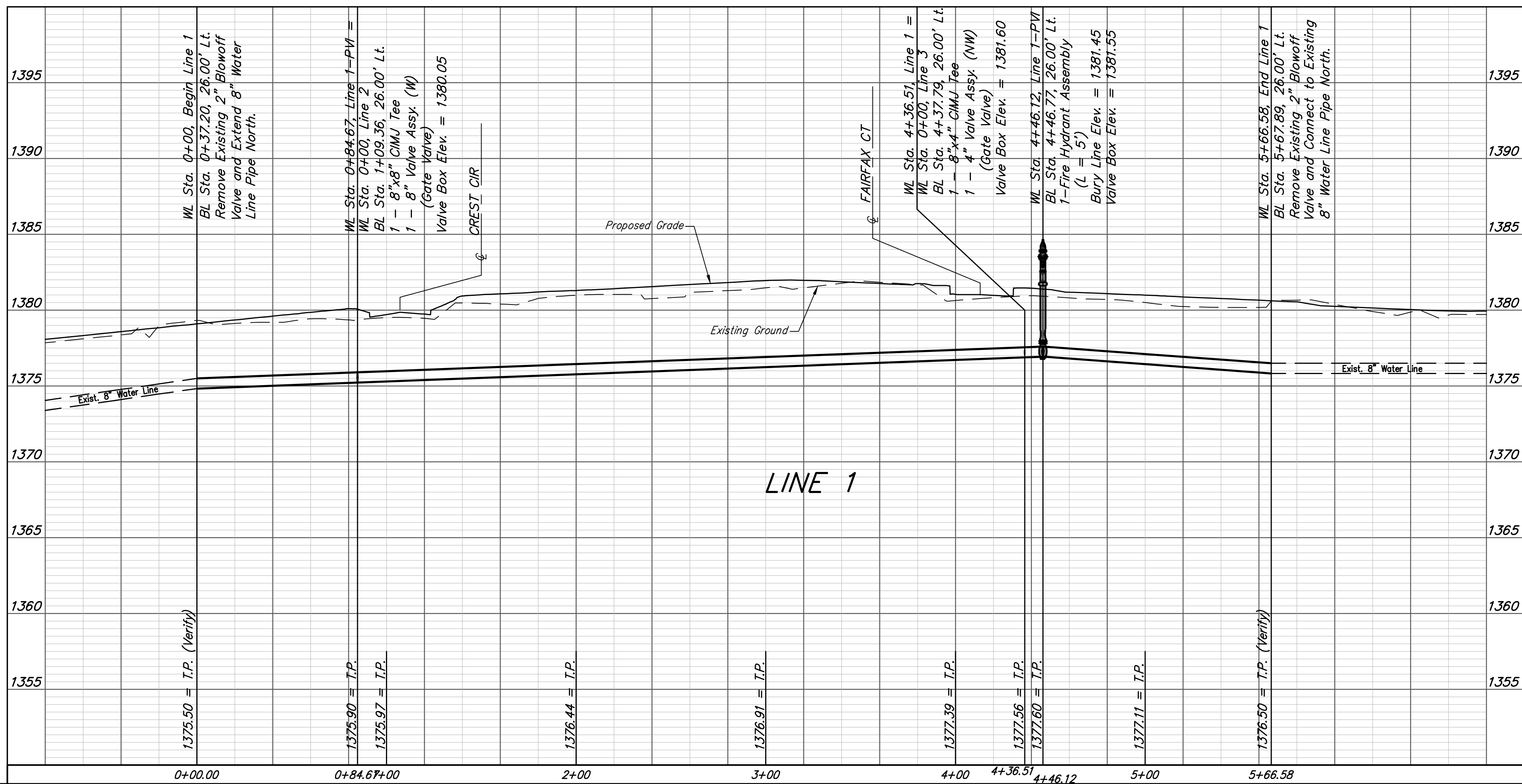
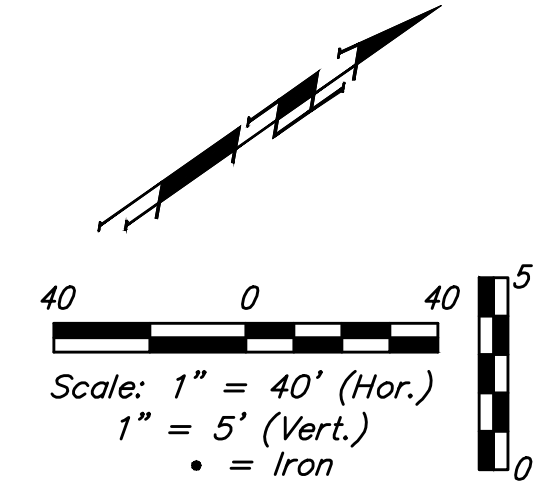
Station	Arc	Chord	8' Left	Defl.	Total Defl.
0+00.00	-	-	-	0'00'00"	0'00'00"
0+25.00	25.00'	26.11'	26.11'	4'04'10"	4'04'10"
0+50.00	25.00'	26.11'	26.11'	4'04'10"	8'08'20"
0+75.00	25.00'	26.11'	26.11'	4'04'09"	12'12'29"
0+84.67	9.67'	10.11'	10.11'	1'34'27"	13'46'56"
1+00.00	15.33'	16.02'	16.02'	2'29'43"	16'16'39"
1+25.00	25.00'	26.11'	26.11'	4'04'10"	20'20'49"
1+50.00	25.00'	26.11'	26.11'	4'04'10"	24'24'59"
1+75.00	25.00'	26.11'	26.11'	4'04'09"	28'29'08"
2+00.00	25.00'	26.11'	26.11'	4'04'10"	32'33'18"
2+11.64	11.64'	12.17'	12.17'	1'53'41"	34'26'59"

Curve #2
 Curve Data Based on Centerline
 Rad. = 401' Delta = 20'09'15" Tangent = 71.26'
 Arc = 141.05' L.C. = 140.33' Def./Ft. = 4.28660 Min.

Station	Arc	Chord	8' Left	Defl.	Total Defl.
3+64.75	-	-	-	0'00'00"	0'00'00"
3+75.00	10.25'	10.45'	10.45'	0'43'56"	0'43'56"
4+00.00	25.00'	25.50'	25.50'	1'47'10"	2'31'06"
4+25.00	25.00'	25.50'	25.50'	1'47'10"	4'18'16"
4+50.00	25.00'	25.50'	25.50'	1'47'10"	6'05'26"
4+75.00	25.00'	25.50'	25.50'	1'47'10"	7'52'36"
5+00.00	25.00'	25.50'	25.50'	1'47'10"	9'39'46"
5+05.80	5.80'	5.92'	5.92'	0'24'51"	10'04'37"

Curve #3
 Curve Data Based on Centerline
 Rad. = 349' Delta = 9°58'41" Tangent = 30.47'
 Arc = 60.78' L.C. = 60.70' Def./Ft. = 4.92500 Min.

Station	Arc	Chord	8' Left	Defl.	Total Defl.
5+05.80	-	-	-	0'00'00"	0'00'00"
5+25.00	19.20'	18.76'	18.76'	1'34'34"	1'34'34"
5+50.00	25.00'	24.42'	24.42'	2'03'07"	3'37'41"
5+66.58	16.58'	16.20'	16.20'	1'21'39"	4'59'20"



Baughman

ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

Brookfield Addition - Phase 2A

LINE 1

Water Distribution System

PROJECT NUMBER: 448-2020-18386

DESIGN: AEG
 DRAWN: JAK
 APPROVED: [Signature]
 DATE: Oct. 5, 2020

SCALE: Noted
 SHEET: 4 OF 16

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