

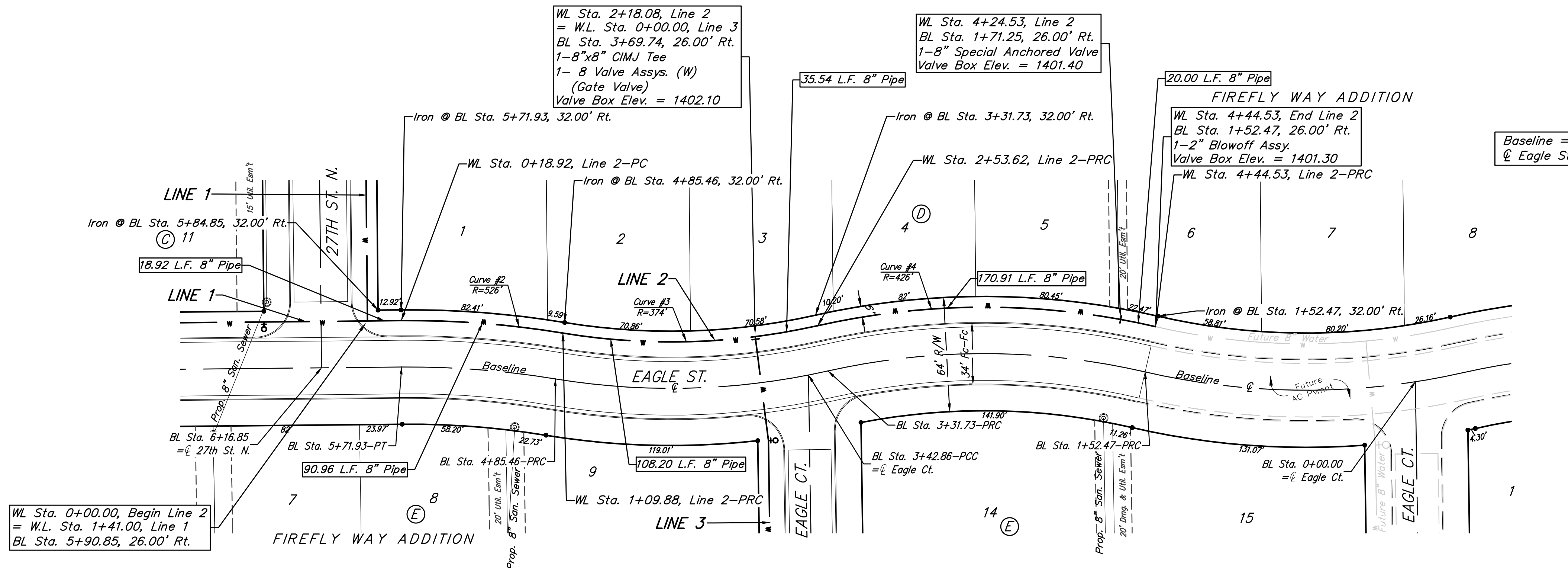
BENCHMARKS:
BM#1: Disc on Top of Curb
 South side of 27th St. N. and
 West of 27th Ct. N. Woods
 North 3rd Addition
 Elev. = 1397.69 NAVD88
BM#2: Northwest 1/4 Corner,
 Government Lot 2, Sec. 3,
 TWP. 27-S, R-2-E
 Elev. = 1405.78 NAVD88

Curve #2
 Curve Data Based on Centerline of Pipe
 Rad. = 526' Delta = 95°42'3" Tangent = 45.59'
 Arc = 90.96' L.C. = 90.85' Def./Ft. = 3.26783 Min.

Station	Arc	Chord 8' Left	Defl.	Total Defl.
0+18.92	-	-	0°00'00"	0°00'00"
0+25.00	6.08'	5.02'	0°19'52"	0°19'52"
0+50.00	25.00'	20.63'	1°21'42"	1°41'34"
0+75.00	25.00'	20.63'	1°21'42"	3°03'16"
1+00.00	25.00'	20.63'	1°21'42"	4°24'57"
1+09.88	9.88'	8.15'	0°32'18"	4°57'15"

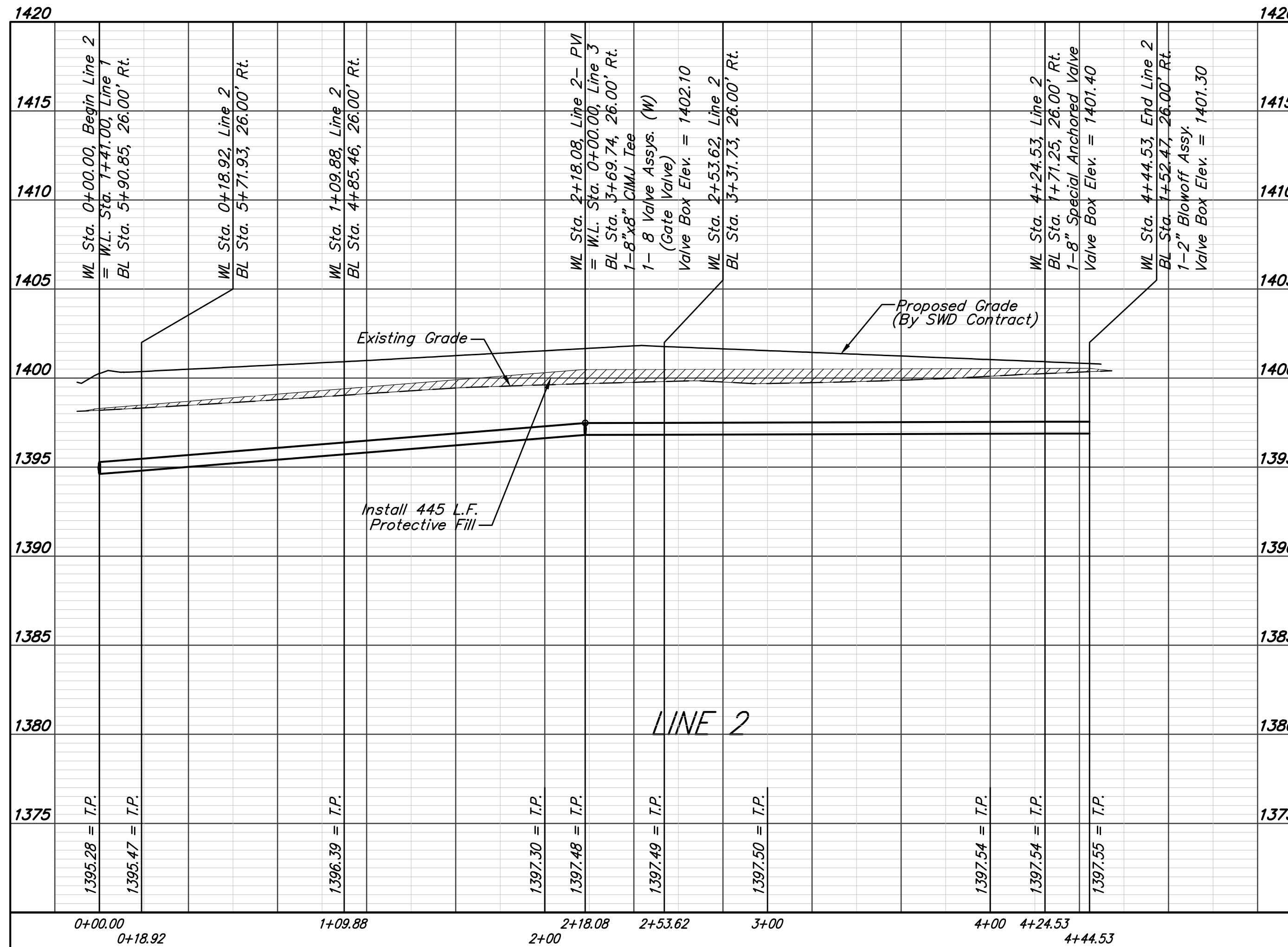
Curve #3
 Curve Data Based on Centerline of Pipe
 Rad. = 374' Delta = 22°01'15" Tangent = 72.77'
 Arc = 143.74' L.C. = 142.86' Def./Ft. = 4.59597 Min.

Station	Arc	Chord 8' Right	Defl.	Total Defl.
1+09.88	-	-	0°00'00"	0°00'00"
1+25.00	15.12'	15.44'	1°09'29"	1°09'29"
1+50.00	25.00'	25.53'	1°54'54"	3°04'23"
1+75.00	25.00'	25.53'	1°54'54"	4°59'17"
2+00.00	25.00'	25.53'	1°54'54"	6°54'11"
2+25.00	25.00'	25.53'	1°54'54"	8°49'05"
2+50.00	25.00'	25.53'	1°54'54"	10°43'59"
2+53.62	3.62'	3.70'	0°16'38"	11°00'37"



Curve #4
 Curve Data Based on Centerline of Pipe
 Rad. = 426' Delta = 25°40'38" Tangent = 97.09'
 Arc = 190.91' L.C. = 189.32' Def./Ft. = 4.03497 Min.

Station	Arc	Chord 8' Right	Defl.	Total Defl.
2+53.62	-	-	0°00'00"	0°00'00"
2+75.00	21.38'	21.78'	1°26'16"	1°26'16"
3+00.00	25.00'	25.47'	1°40'53"	3°07'09"
3+25.00	25.00'	25.47'	1°40'52"	4°48'01"
3+50.00	25.00'	25.47'	1°40'52"	6°28'53"
3+75.00	25.00'	25.47'	1°40'53"	8°09'46"
4+00.00	25.00'	25.47'	1°40'53"	9°50'38"
4+25.00	25.00'	25.47'	1°40'52"	11°31'31"
4+25.00	19.53'	19.90'	1°18'48"	12°50'19"



Baughman Firefly Way Addition Phase I
LINE 2
 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: 468-90793 DESIGN: AEG DRAWN: DJL
 APPROVED: DATE: 2/17

REVISIONS:

SCALE: Noted SHEET: **6 OF 18**

