BENCHMARKS:
BM #1: Railroad spike in HLP
2' West of center Sec. 11,
T-27-S, R-2-W
(S. Face of HLP)
Elev. = 1367.70 NGVD29

BM #2: "□" Cut in top of
curb adjacent to the Southwest
Corner, Lot 11, Block B,
Blackstone Addition
Elev. = 1369.85 NGVD29

Curve #1
Curve Data Based on Centerline
Rad. = 174' Delta = 39°24'06" Tangent = 62.30'
Arc = 119.66' L.C. = 117.31' Def./Ft. = 9.87841 Min.

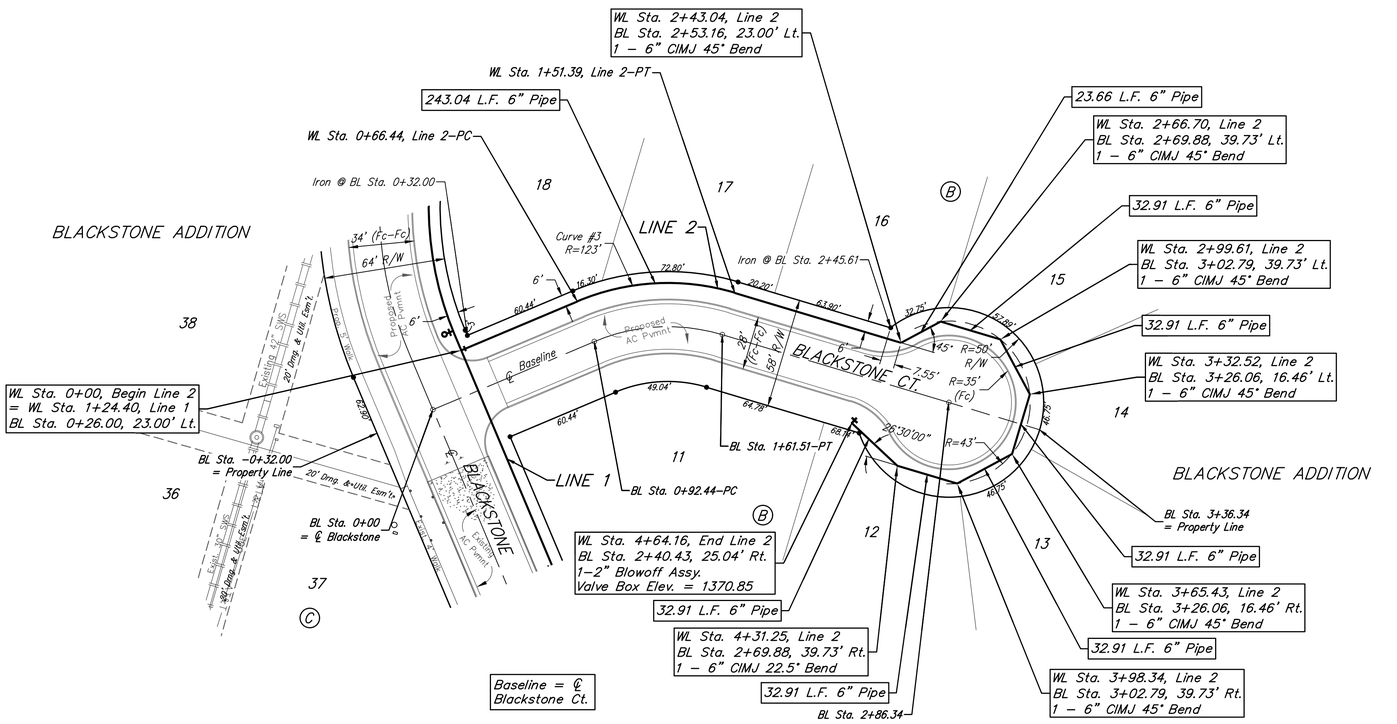
Station	Arc	Chord 8' Right	Defl.	Total Defl.
1+33.40	–	–	0°00'00"	0°00'00"
1+35.54	2.14'	2.04'	0°21'08"	0°21'08"
1+50.00	14.46'	13.79'	2°22'51"	2°43'59"
1+75.00	25.00'	23.83'	4°06'58"	6°50'57"
2+00.00	25.00'	23.83'	4°06'57"	10°57'54"
2+22.90	22.90'	21.83'	3°46'13"	14°44'07"
2+25.00	2.10'	2.00'	0°20'45"	15°04'52"
2+50.00	25.00'	23.83'	4°06'57"	19°11'49"
2+53.06	3.06'	2.92'	0°30'14"	19°42'03"

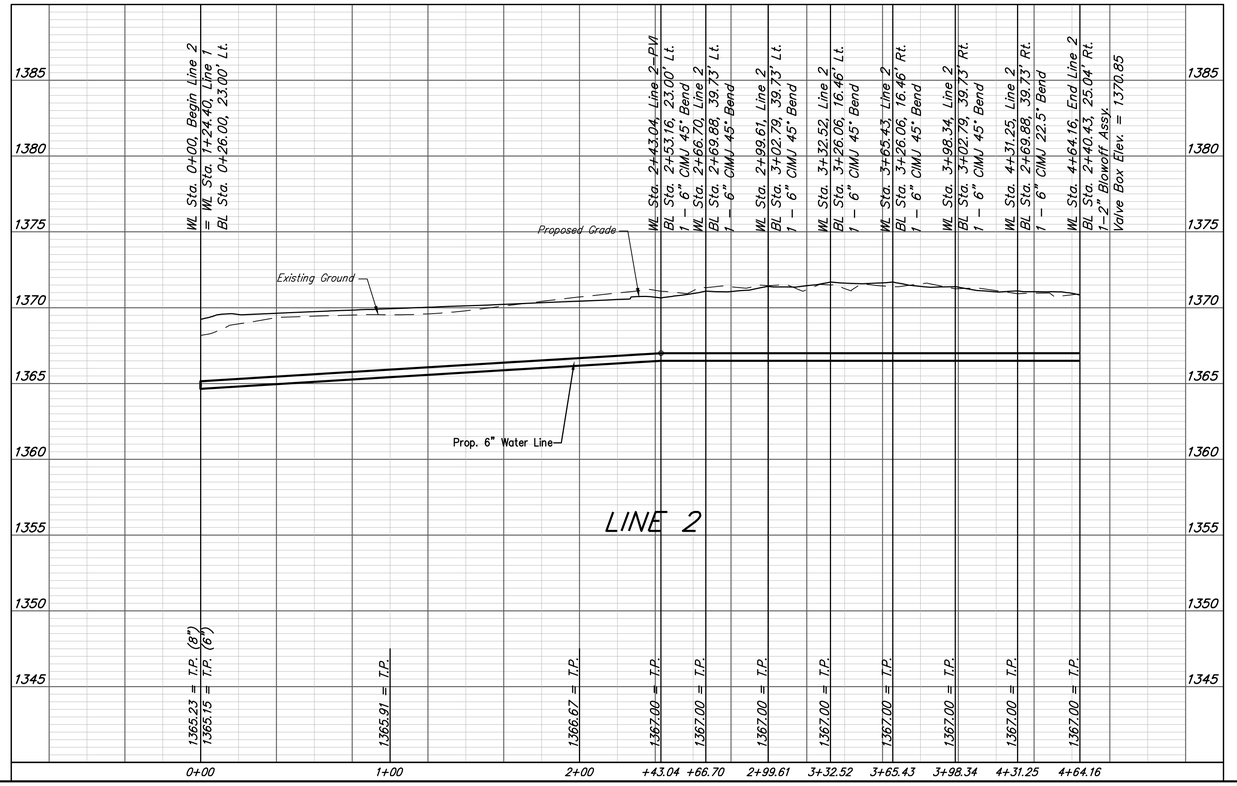
Curve #2
Curve Data Based on Centerline
Rad. = 174' Delta = 30°52'14" Tangent = 48.04'
Arc = 93.75' L.C. = 92.62' Def./Ft. = 9.87858 Min.

Station	Arc	Chord 8' Right	Defl.	Total Defl.
7+67.93	–	–	0°00'00"	0°00'00"
7+75.00	7.07'	6.74'	1°09'50"	1°09'50"
8+00.00	25.00'	23.83'	4°06'58"	5°16'48"
8+25.00	25.00'	23.83'	4°06'58"	9°23'46"
8+50.00	25.00'	23.83'	4°06'58"	13°30'44"
8+56.82	6.82'	6.51'	1°07'22"	14°38'06"
8+61.68	4.86'	4.64'	0°48'01"	15°26'07"

Curve #3
Curve Data Based on Centerline
Rad. = 123' Delta = 39°34'22" Tangent = 44.25'
Arc = 84.95' L.C. = 83.27' Def./Ft. = 13.97508 Min.

Station	Arc	Chord 8' Left	Defl.	Total Defl.
0+66.44	–	–	0°00'00"	0°00'00"
0+75.00	8.56'	9.12'	1°59'38"	1°59'38"
1+00.00	25.00'	26.58'	5°49'22"	7°49'00"
1+25.00	25.00'	26.58'	5°49'23"	13°38'23"
1+50.00	25.00'	26.58'	5°49'22"	19°27'45"
1+51.39	1.39'	1.48'	0°19'26"	19°47'11"





Baughman

Blackstone Addition - Phase III
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 448-90187
DESIGN NBW
DRAWN JAK
APPROVED
DATE 7/26/18
REVISIONS:
SCALE Noted
SHEET **5** OF **16**

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