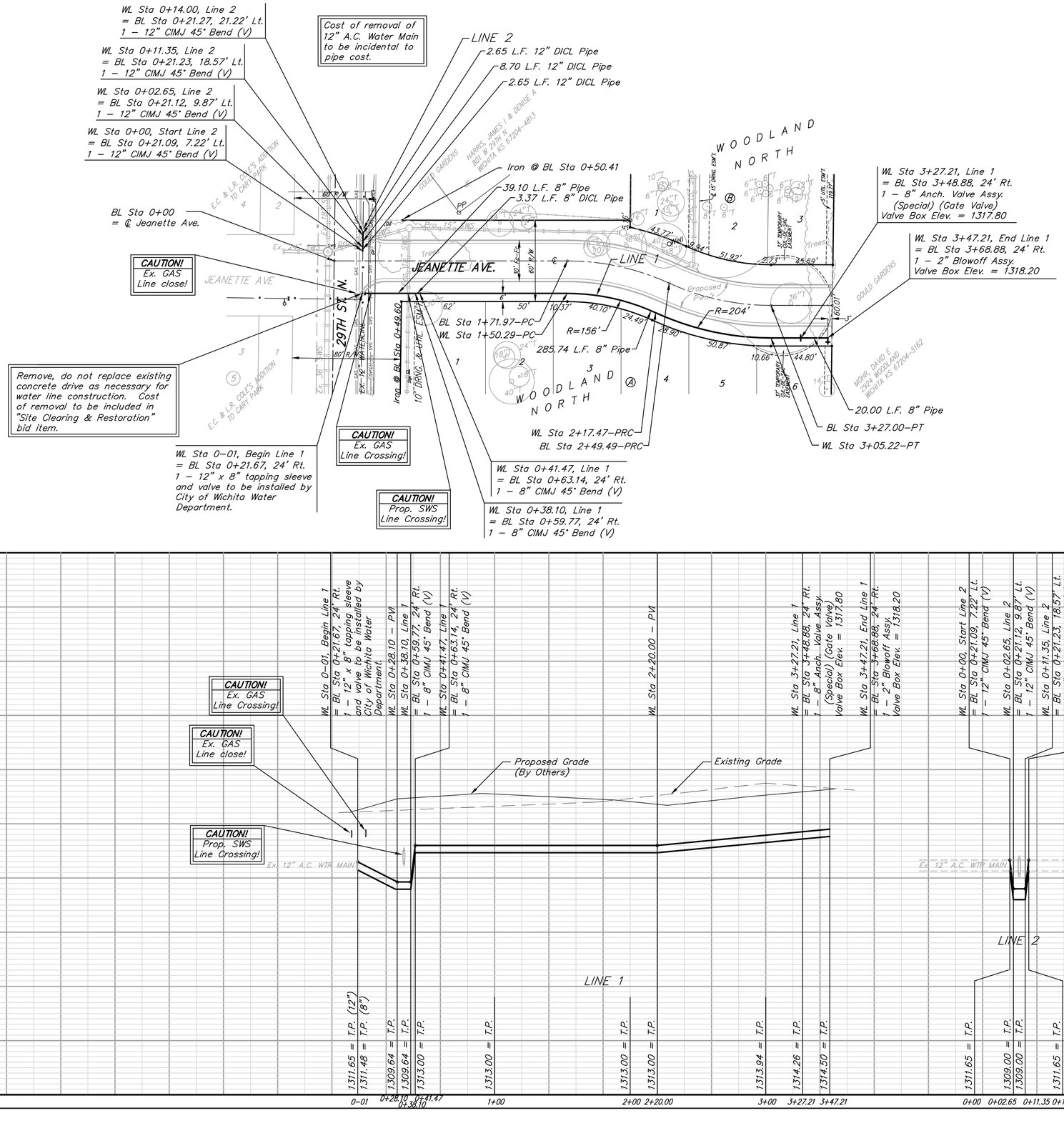
BENCHMARK:

CITY OF WICHITA BENCHMARK
AT THE NE CORNER OF
ARKANSAS AND 29TH ST
NORTH
ELEV. = 1316.81 NGVD29

Scale: 1" = 40' Horizontal
1" = 5' Vertical
• = Iron



Curve #1

Curve Data Based on Centerline

Rad. = 156' Delta = 24°40'32" Tangent = 34.12'
Arc = 67.18' L.C. = 66.67' Def./Ft. = 11.01915 Min.

Station	Arc	Face Chord Lengths 6' Right	Defl.	Total Defl.
1+50.29	–	–	0°00'00"	0°00'00"
1+75.00	24.71'	23.74'	4°32'17"	4°32'17"
2+00.00	25.00'	24.01'	4°35'29"	9°07'46"
2+17.47	17.47'	16.79'	3°12'30"	12°20'16"

Curve #2

Curve Data Based on Centerline

Rad. = 204' Delta = 24°38'46" Tangent = 44.57'
Arc = 87.75' L.C. = 87.08' Def./Ft. = 8.42602 Min.

Station	Arc	Face Chord Lengths 6' Right	Defl.	Total Defl.
2+17.47	–	–	0°00'00"	0°00'00"
2+25.00	7.53'	7.75'	1°03'27"	1°03'27"
2+50.00	25.00'	25.72'	3°30'39"	4°34'06"
2+75.00	25.00'	25.72'	3°30'39"	8°04'45"
3+00.00	25.00'	25.72'	3°30'39"	11°35'24"
3+05.22	5.22'	5.37'	0°43'59"	12°19'23"

Baughman

WOODLAND NORTH
LINES 1 & 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	DESIGN TJW	DRAWN TJW
REVISIONS:	APPROVED NBW	DATE 5/08
	SCALE Noted	
	SHEET 3 OF 8	

Woodland North\03 Lines 1 & 2.dwg 08-02-E053