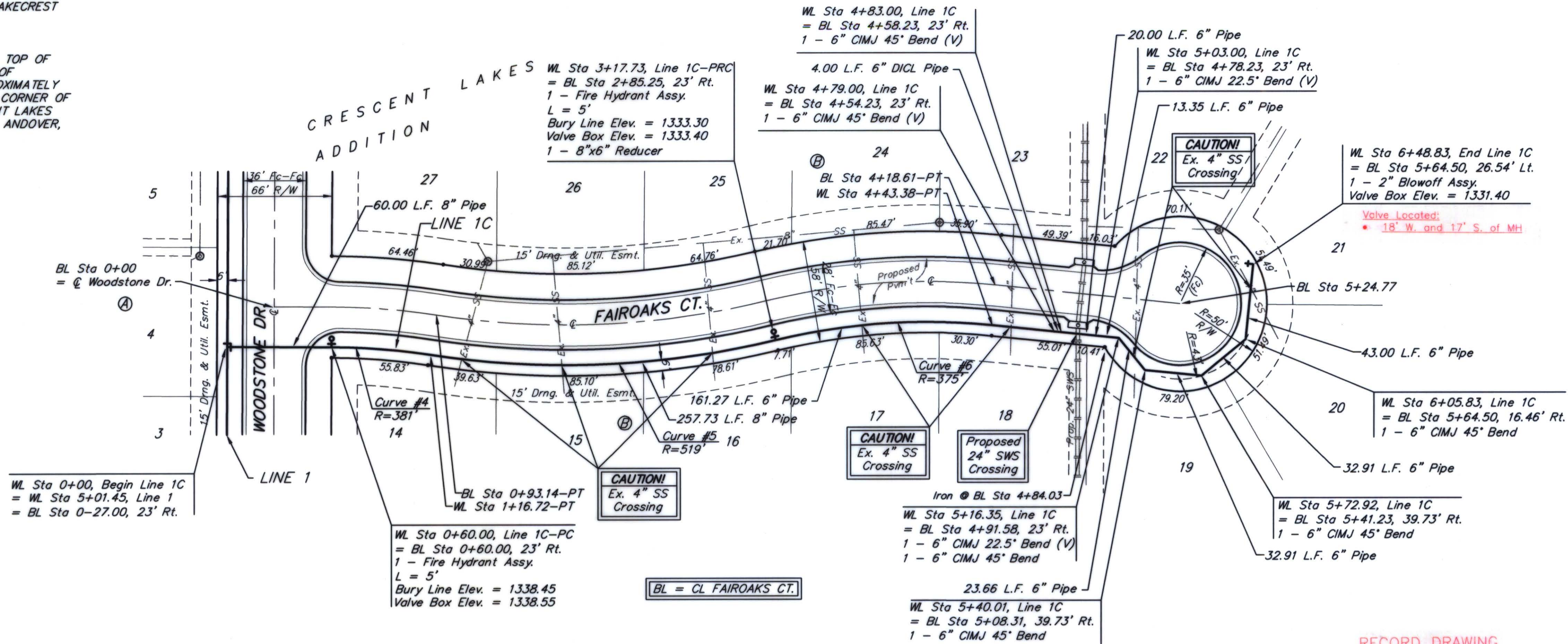


BENCHMARKS:
 BM #1: "□" CUT ON TOP OF CURB, SOUTH END OF MEDIAN, LAKECREST DR. & CENTRAL AVE. ELEV. = 1332.74 NGVD29

BM #2: "□" CUT ON THE TOP OF CURB ON THE EAST SIDE OF LAKECREST CIRCLE, APPROXIMATELY 46.3 FEET SE OF THE NE CORNER OF LOT 1, BLOCK D, CRESCENT LAKES ADDITION - FIFTH PHASE, LAKEOVER, KS. ELEV. = 1331.50 NGVD29



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

Curve #4
 Curve Data Based on Waterline
 Rad. = 381' Delta = 8° 31' 47" Tangent = 28.41'
 Arc = 56.72' L.C. = 56.67' Def/Ft. = 4.51149 Min.

Station	Arc	CHORD LENGTHS	Defl.	T. Defl.
0+60.00	-	6' Rt.	0'00"00"	0'00"00"
0+75.00	15.00'	14.76'	1'07"40"	1'07"40"
1+00.00	25.00'	24.60'	1'52"47"	3'00"27"
1+16.72	16.72'	16.46'	1'75"26"	4'75"53"

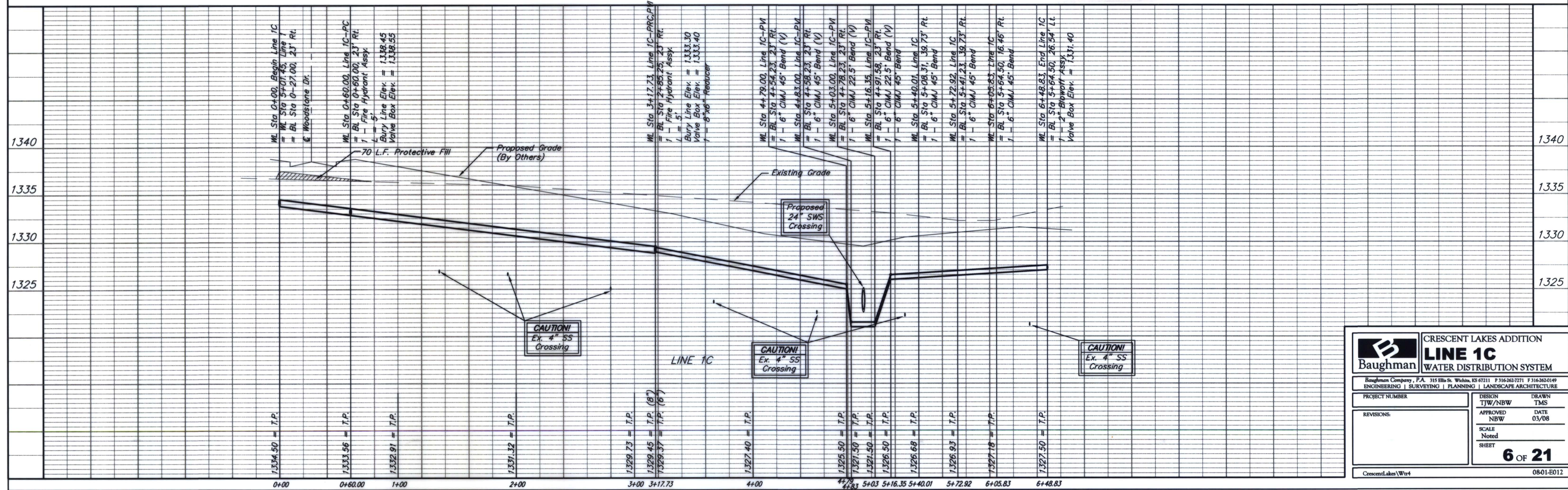
Curve #5
 Curve Data Based on Waterline
 Rad. = 519' Delta = 22° 11' 28" Tangent = 101.78'
 Arc = 201.01' L.C. = 199.76' Def/Ft. = 3.31194 Min.

Station	Arc	CHORD LENGTHS	Defl.	T. Defl.
1+16.72	-	6' Rt.	0'00"00"	0'00"00"
1+25.00	8.28'	8.38'	0'27"25"	0'27"25"
1+50.00	25.00'	25.29'	1'22"48"	1'50"13"
1+75.00	25.00'	25.29'	1'22"48"	3'13"01"
2+00.00	25.00'	25.29'	1'22"48"	4'35"49"
2+25.00	25.00'	25.29'	1'22"48"	5'58"37"
2+50.00	25.00'	25.29'	1'22"48"	7'21"25"
2+75.00	25.00'	25.29'	1'22"48"	8'44"13"
3+00.00	25.00'	25.29'	1'22"48"	10'07"01"
3+17.73	17.73'	17.93'	0'58"43"	11'05"44"

Curve #6
 Curve Data Based on Waterline
 Rad. = 375' Delta = 19° 11' 53" Tangent = 63.42'
 Arc = 125.65' L.C. = 125.06' Def/Ft. = 4.58370 Min.

Station	Arc	CHORD LENGTHS	Defl.	T. Defl.
3+17.73	-	6' Rt.	0'00"00"	0'00"00"
3+25.00	7.27'	7.15'	0'33"19"	0'33"19"
3+50.00	25.00'	24.60'	1'54"35"	2'27"55"
3+75.00	25.00'	24.60'	1'54"35"	4'22"30"
4+00.00	25.00'	24.60'	1'54"35"	6'17"06"
4+25.00	25.00'	24.60'	1'54"35"	8'11"41"
4+43.38	18.38'	18.08'	1'24"15"	9'35"56"

RECORD DRAWING
 M.T. 5-8-09



Baughman CRESCENT LAKES ADDITION
LINE 1C
 WATER DISTRIBUTION SYSTEM

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.263.7771 F 316.263.0149
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER	DESIGN	DRAWN
	TJW/NBW	TMS
REVISIONS:	APPROVED	DATE
	NBW	03/08
	SCALE	
	Noted	
	SHEET	

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CrescentLakes/Wtr4 0801-E012