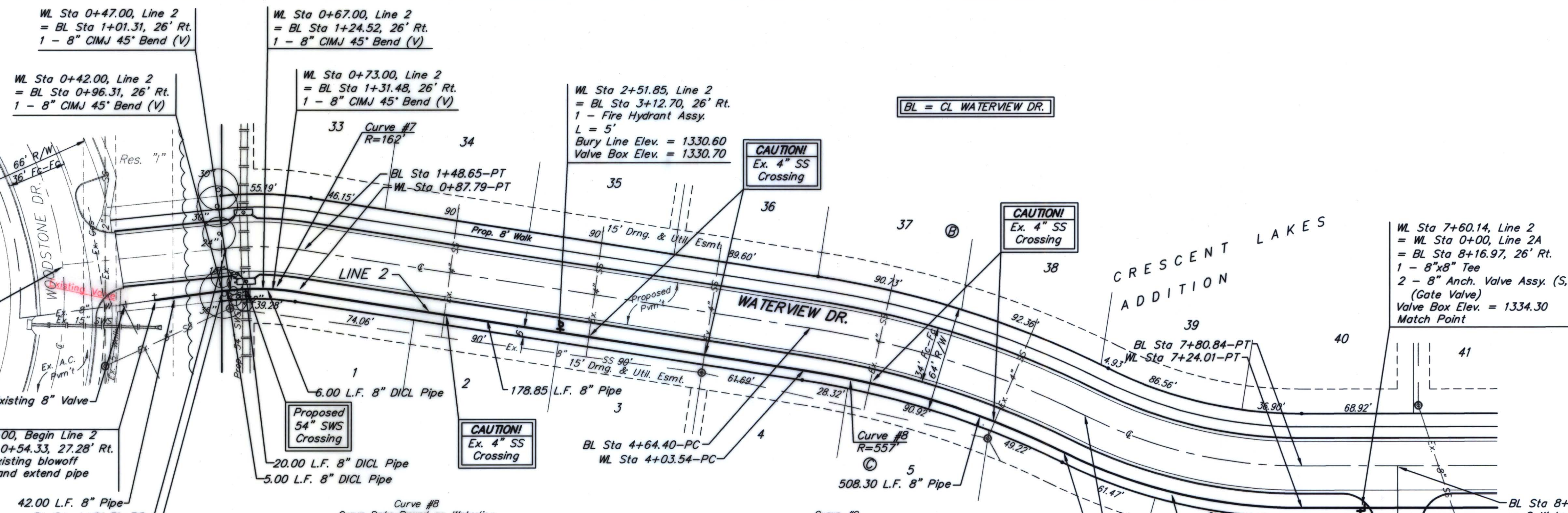


BENCHMARKS:
 BM #1: "□" CUT ON TOP OF CURB, SOUTH END OF MEDIAN, LAKECREST DR. & CENTRAL AVE. ELEV. = 1332.74 NGVD29
 BM #2: "□" CUT ON THE TOP OF CURB ON THE EAST SIDE OF LAKECREST CIRCLE, APPROXIMATELY 46.3 FEET SE OF THE NE CORNER OF LOT 1, BLOCK D, CRESCENT LAKES ADDITION - FIFTH PHASE, ANDOVER, KS. ELEV. = 1331.50 NGVD29



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

Remove trees only as necessary for water line construction and only with permission of Developer or Baughman Co. Cost of removal to be incidental to lump sum bid item "Site Clearing & Restoration".

Curve #7
 Curve Data Based on Waterline
 Rad. = 162' Delta = 16°09'49" Tangent = 23.00'
 Arc = 45.7' L.C. = 45.55' Def/Ft. = 10.61069 Min.

Station	Arc	6" Rt.	Def.	T. Def.
0+42.09	-	-	0'00"00"	0'00"00"
0+50.00	7.91'	7.62'	1'23"56"	1'23"56"
0+75.00	25.00'	24.05'	4'25"16"	5'49"12"
0+87.79	12.79'	12.31'	2'15"42"	8'04"54"

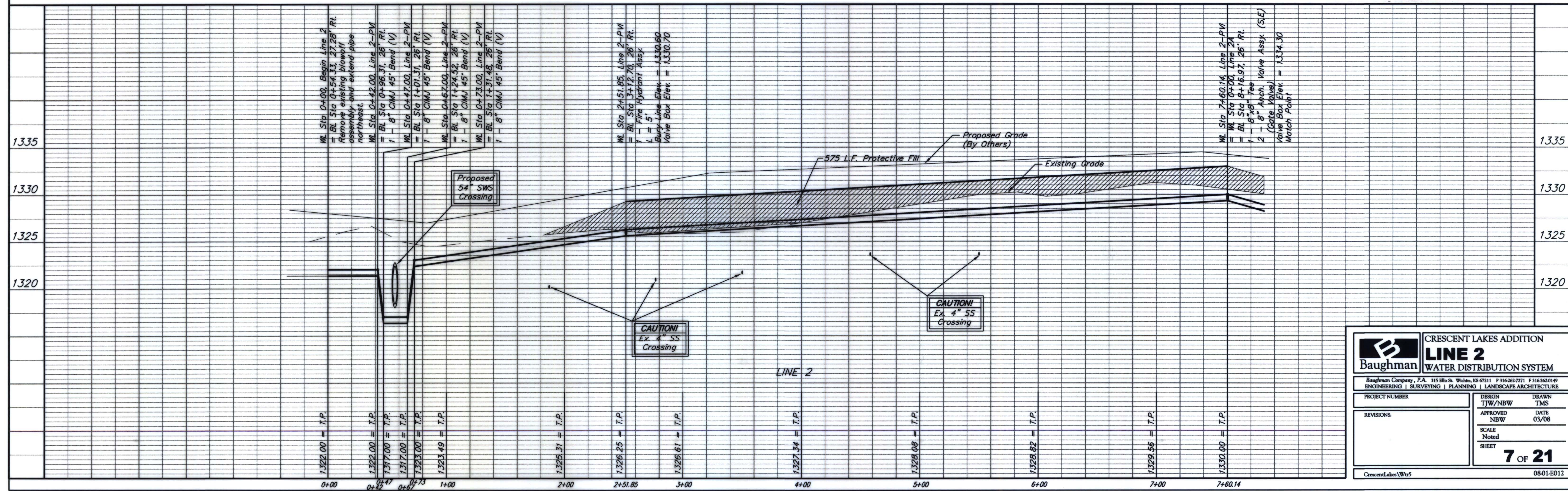
Curve #8
 Curve Data Based on Waterline
 Rad. = 557' Delta = 17°31'02" Tangent = 85.82'
 Arc = 170.29' L.C. = 169.63' Def/Ft. = 3.08601 Min.

Station	Arc	6" Rt.	Def.	T. Def.
4+03.54	-	-	0'00"00"	0'00"00"
4+25.00	21.46'	21.23'	1'06"13"	1'06"13"
4+50.00	25.00'	24.73'	1'17"09"	2'23"22"
4+75.00	25.00'	24.73'	1'17"09"	3'40"31"
5+00.00	25.00'	24.73'	1'17"09"	4'57"40"
5+25.00	25.00'	24.73'	1'17"09"	6'14"49"
5+50.00	25.00'	24.73'	1'17"09"	7'31"58"
5+73.83	23.83'	23.57'	1'13"32"	8'45"31"

Curve #9
 Curve Data Based on Waterline
 Rad. = 326' Delta = 26°23'40" Tangent = 76.45'
 Arc = 150.18' L.C. = 148.85' Def/Ft. = 5.27256 Min.

Station	Arc	6" Rt.	Def.	T. Def.
5+73.83	-	-	0'00"00"	0'00"00"
6+00.00	26.17'	26.64'	2'17"59"	2'17"59"
6+25.00	25.00'	25.45'	2'11"49"	4'29"48"
6+50.00	25.00'	25.45'	2'11"49"	6'41"36"
6+75.00	25.00'	25.45'	2'11"49"	8'53"25"
7+00.00	25.00'	25.45'	2'11"49"	11'05"14"
7+24.01	24.01'	24.45'	2'06"35"	13'11"50"

RECORD DRAWING
 M.T. 5-8-09



Baughman CRESCENT LAKES ADDITION
LINE 2
 WATER DISTRIBUTION SYSTEM

Engineering | Surveying | Planning | Landscape Architecture

PROJECT NUMBER: TJW/NBW
 DESIGN: TJW/NBW
 DRAWN: TMS

REVISIONS:
 APPROVED: NBW
 DATE: 03/08

SCALE: Noted
 SHEET: 7 OF 21

CrescentLakes/Wrs5 0801-E012