

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

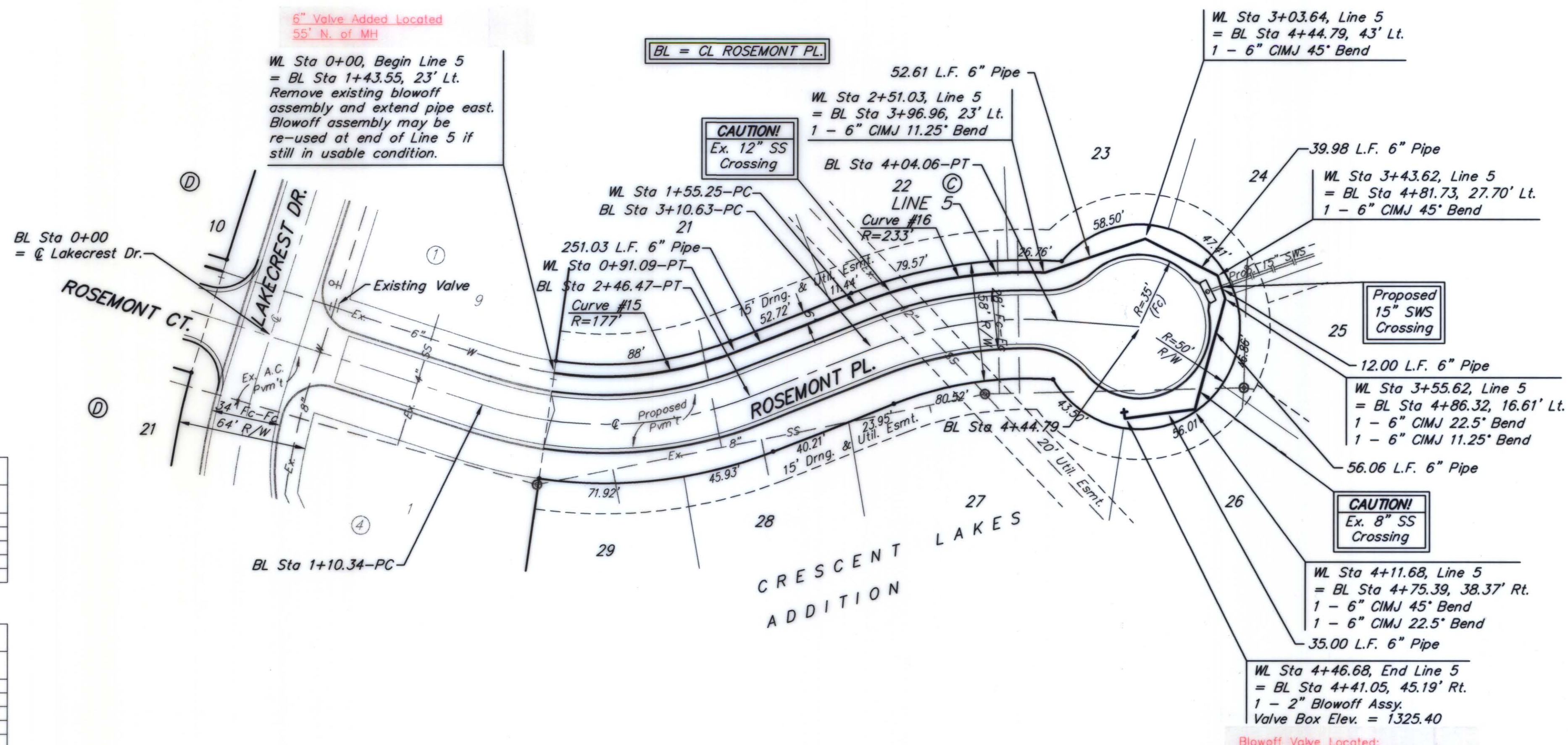
For radii under 200', contractor shall use short pipe lengths.

Curve #15
 Curve Data Based on Waterline
 Rad. = 177' Delta = 29° 29' 07" Tangent = 46.58'
 Arc = 91.09' L.C. = 90.09' Def/Ft. = 9.71082 Min.

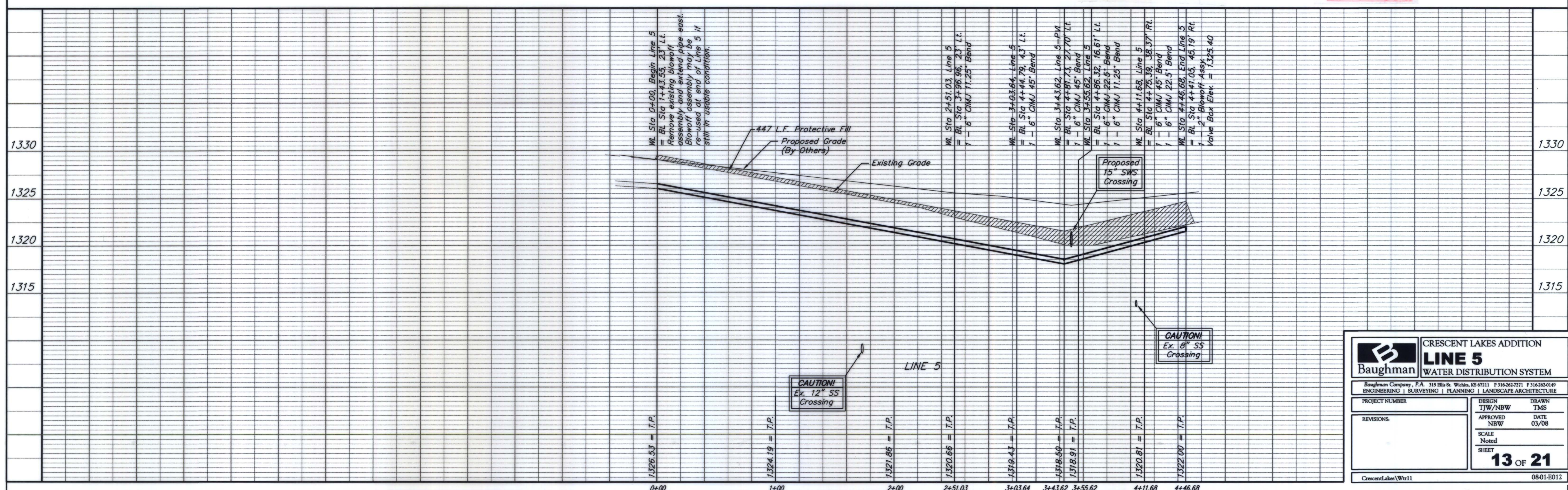
Station	Arc	CHORD LENGTHS		
		6" Lt.	Defl.	T. Defl.
0+00.00	-	-	0'00"00"	0'00"00"
0+25.00	25.00'	24.13'	4'02"46"	4'02"46"
0+50.00	25.00'	24.13'	4'02"46"	8'05"32"
0+75.00	25.00'	24.13'	4'02"46"	12'08"18"
0+91.09	16.09'	15.54'	2'36"15"	14'44"33"

Curve #16
 Curve Data Based on Waterline
 Rad. = 233' Delta = 23° 33' 11" Tangent = 48.58'
 Arc = 95.78' L.C. = 95.11' Def/Ft. = 7.37724 Min.

Station	Arc	CHORD LENGTHS		
		6" Lt.	Defl.	T. Defl.
1+55.25	-	-	0'00"00"	0'00"00"
1+75.00	19.75'	20.25'	2'25"42"	2'25"42"
2+00.00	25.00'	25.63'	3'04"26"	5'30"08"
2+25.00	25.00'	25.63'	3'04"26"	8'34"34"
2+50.00	25.00'	25.63'	3'04"26"	11'38"59"
2+51.03	1.03'	1.06'	0'07"36"	11'46"35"



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



RECORD DRAWING
 M.T. 5-8-08

Baughman CRESCENT LAKES ADDITION
LINE 5
 WATER DISTRIBUTION SYSTEM

Engineering | Surveying | Planning | Landscape Architecture

PROJECT NUMBER: _____ DESIGN: TJW/NBW DRAWN: TMS
 APPROVED: NBW DATE: 03/08
 SCALE: Noted
 SHEET: **13 OF 21**

CrescentLakes\Wtr11 0801-E012