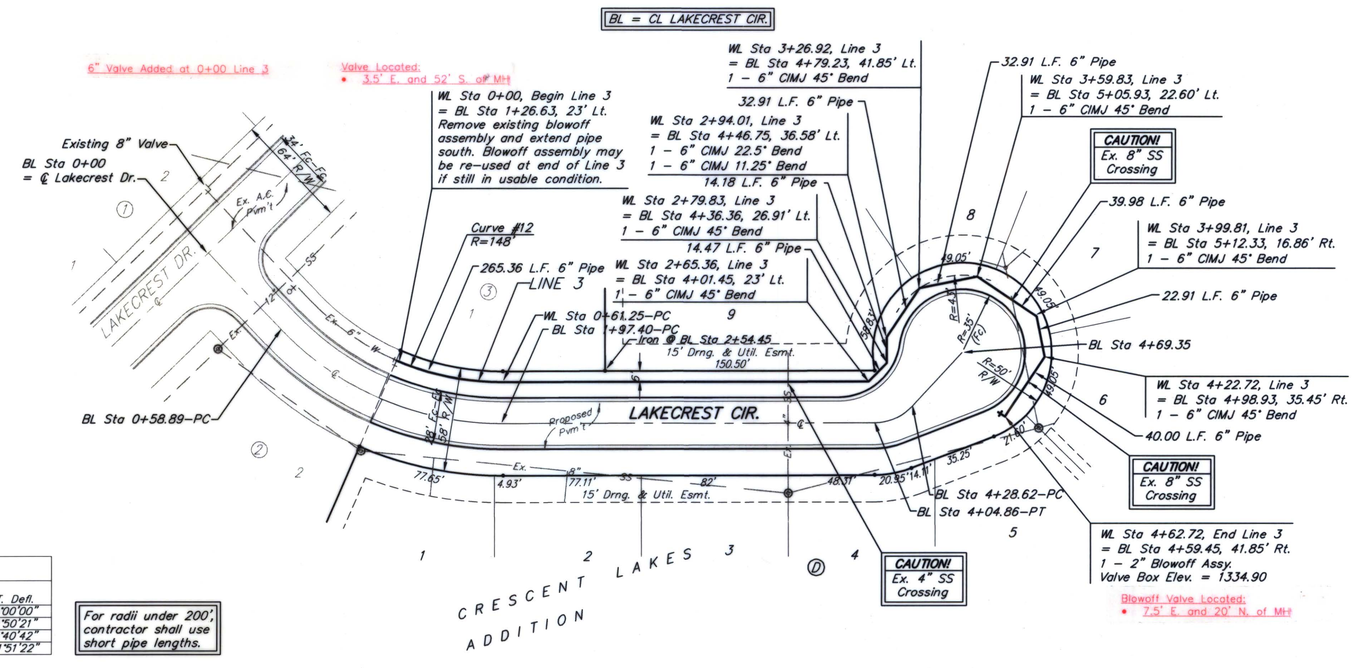
BENCHMARKS:
BM #1: "□" CUT ON TOP OF CURB, SOUTH END OF MEDIAN, LAKECREST DR. & CENTRAL AVE.
ELEV. = 1332.74 NGVD29

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

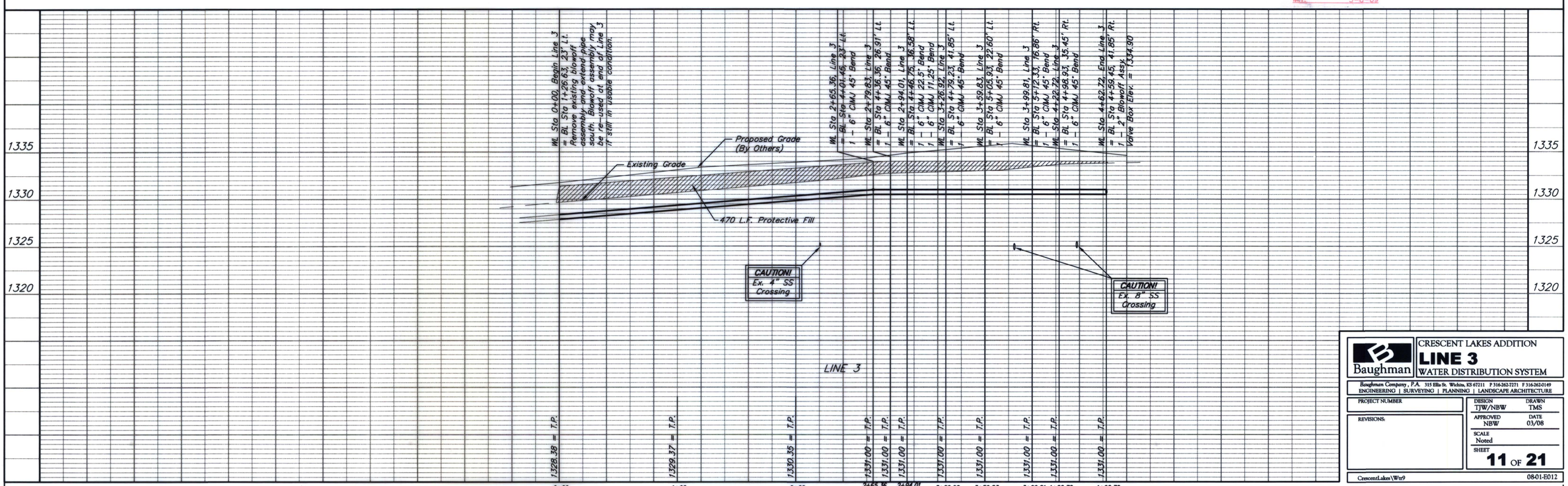


Curve #12
Curve Data Based on Waterline
Rad. = 148' Delta = 23° 42' 44" Tangent = 31.07'
Arc = 61.25' L.C. = 60.81' Def/Ft. =11.61415 Min.

Station	Arc	CHORD LENGTHS 6' Lt.	Defl.	T. Defl.
0+00.00	–	–	0°00'00"	0°00'00"
0+25.00	25.00'	23.96'	4°50'21"	4°50'21"
0+50.00	25.00'	23.96'	4°50'21"	9°40'42"
0+61.25	11.25'	10.79'	2°10'39"	11°51'22"

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

RECORD DRAWING
MT 5-8-09



Baughman
CRESCENT LAKES ADDITION
LINE 3
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/NBW	DRAWN TMS
REVISIONS:	APPROVED NBW	DATE 03/08
	SCALE Noted	
	SHEET 11 OF 21	

CrescentLakes\Wtr9 0801-E012