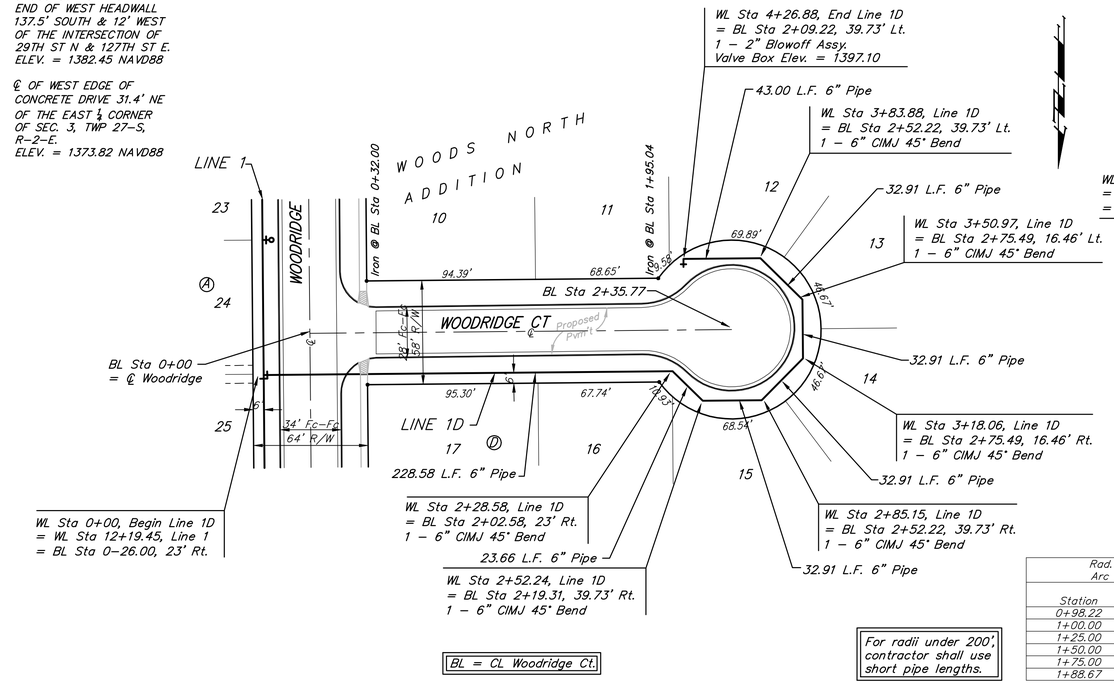
BENCHMARK:
CROSS CUT ON NORTH END OF WEST HEADWALL 137.5' SOUTH & 12' WEST OF THE INTERSECTION OF 29TH ST N & 127TH ST E.
ELEV. = 1382.45 NAVD88

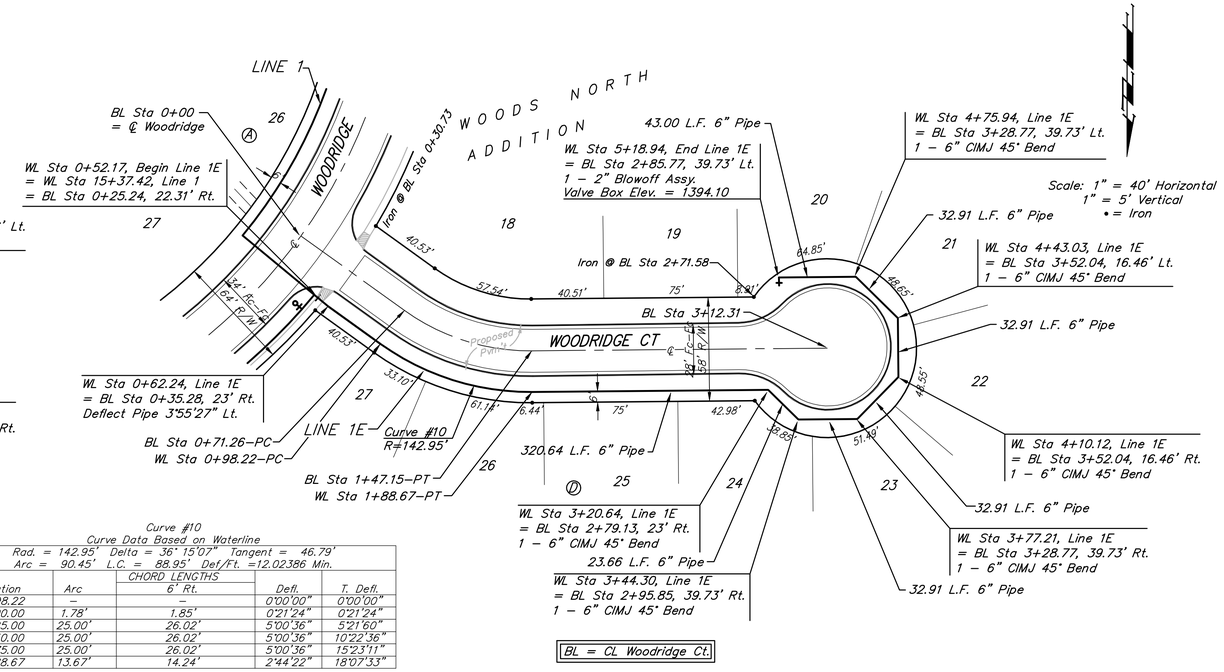
℄ OF WEST EDGE OF CONCRETE DRIVE 31.4' NE OF THE EAST ¼ CORNER OF SEC. 3, TWP 27–S, R–2–E.
ELEV. = 1373.82 NAVD88

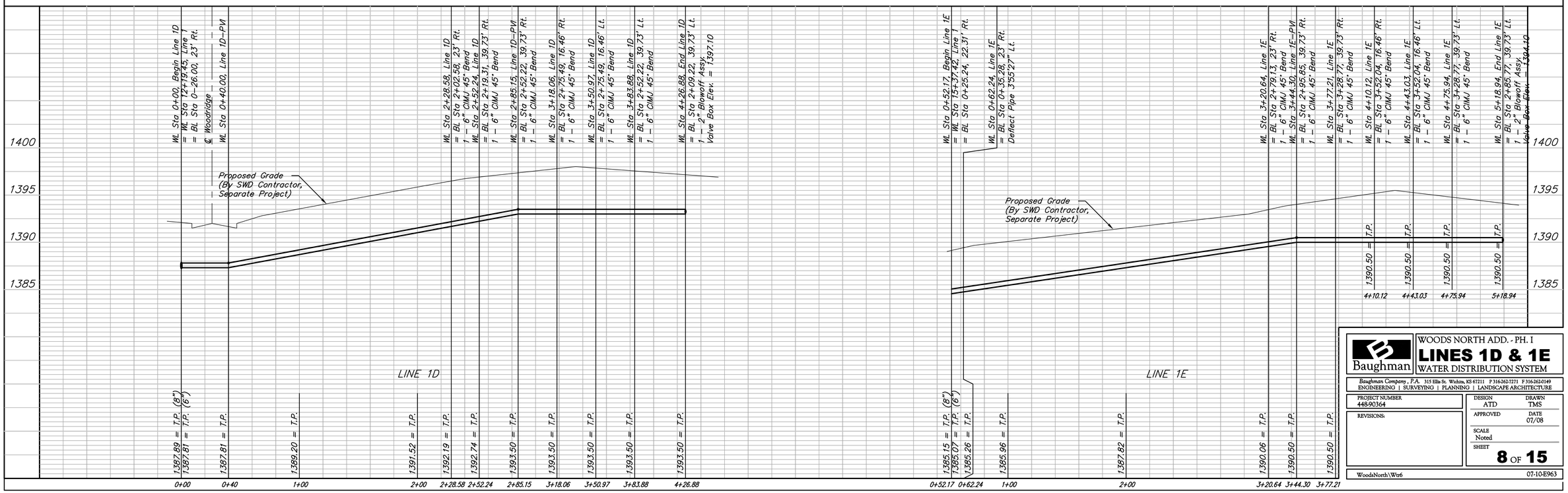


For radii under 200', contractor shall use short pipe lengths.

Curve #10
Curve Data Based on Waterline
Rad. = 142.95' Delta = 36° 15'07" Tangent = 46.79'
Arc = 90.45' L.C. = 88.95' Def/Ft. =12.02386 Min.

Station	Arc	CHORD LENGTHS 6' Rt.	Defl.	T. Defl.
0+98.22	—	—	0°00'00"	0°00'00"
1+00.00	1.78'	1.85'	0°21'24"	0°21'24"
1+25.00	25.00'	26.02'	5°00'36"	5°21'60"
1+50.00	25.00'	26.02'	5°00'36"	10°22'36"
1+75.00	25.00'	26.02'	5°00'36"	15°23'11"
1+88.67	13.67'	14.24'	2°44'22"	18°07'33"





Baughman

WOODS NORTH ADD. - PH. I

LINES 1D & 1E

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 448-90364	DESIGN ATD / DRAWN TMS
REVISIONS:	APPROVED / DATE 07/08
	SCALE Noted
	SHEET 8 OF 15

WoodsNorth\Wtr6 07-10-E963