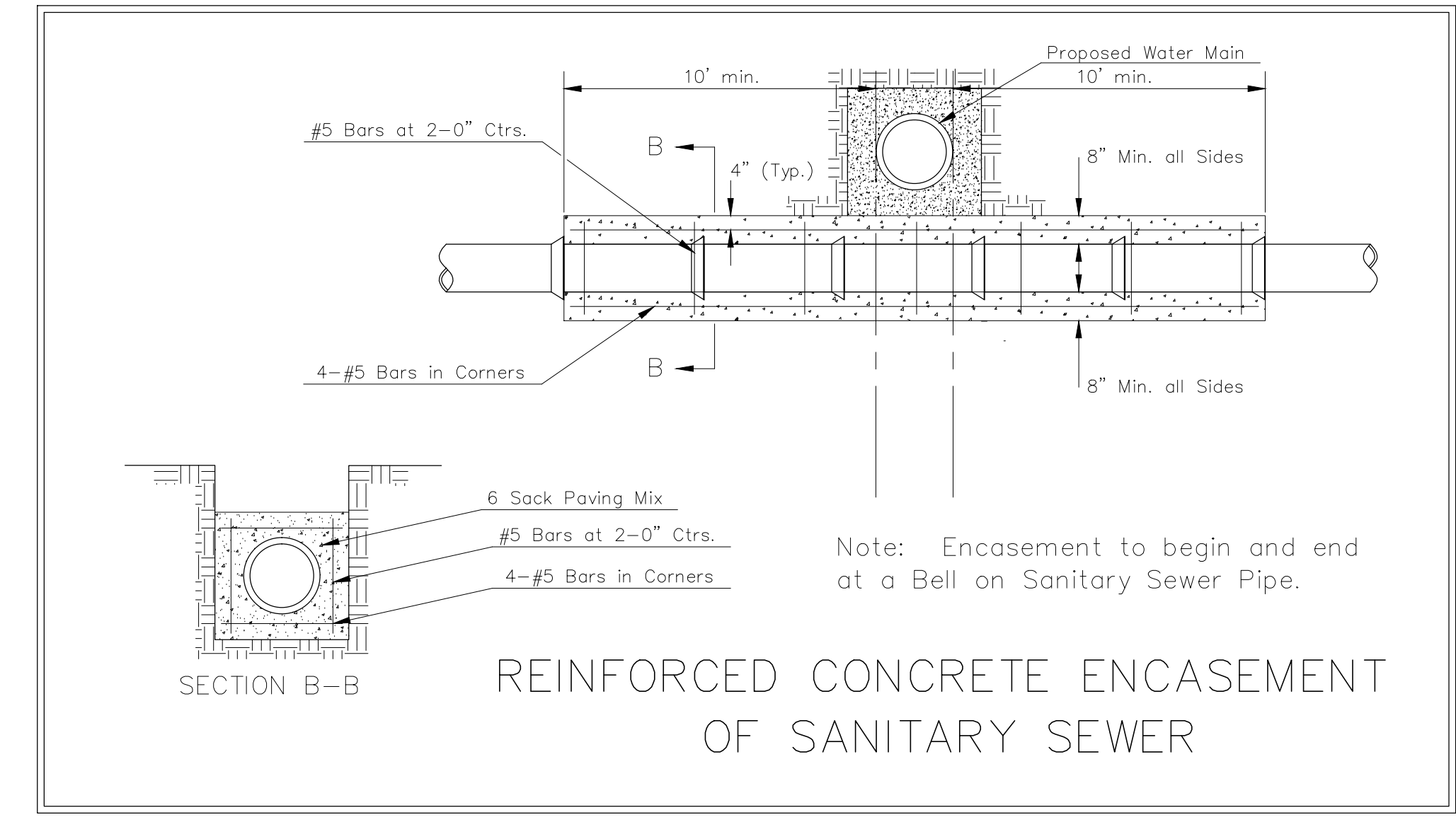
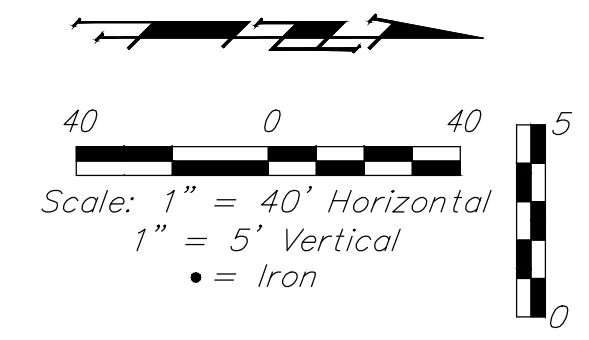
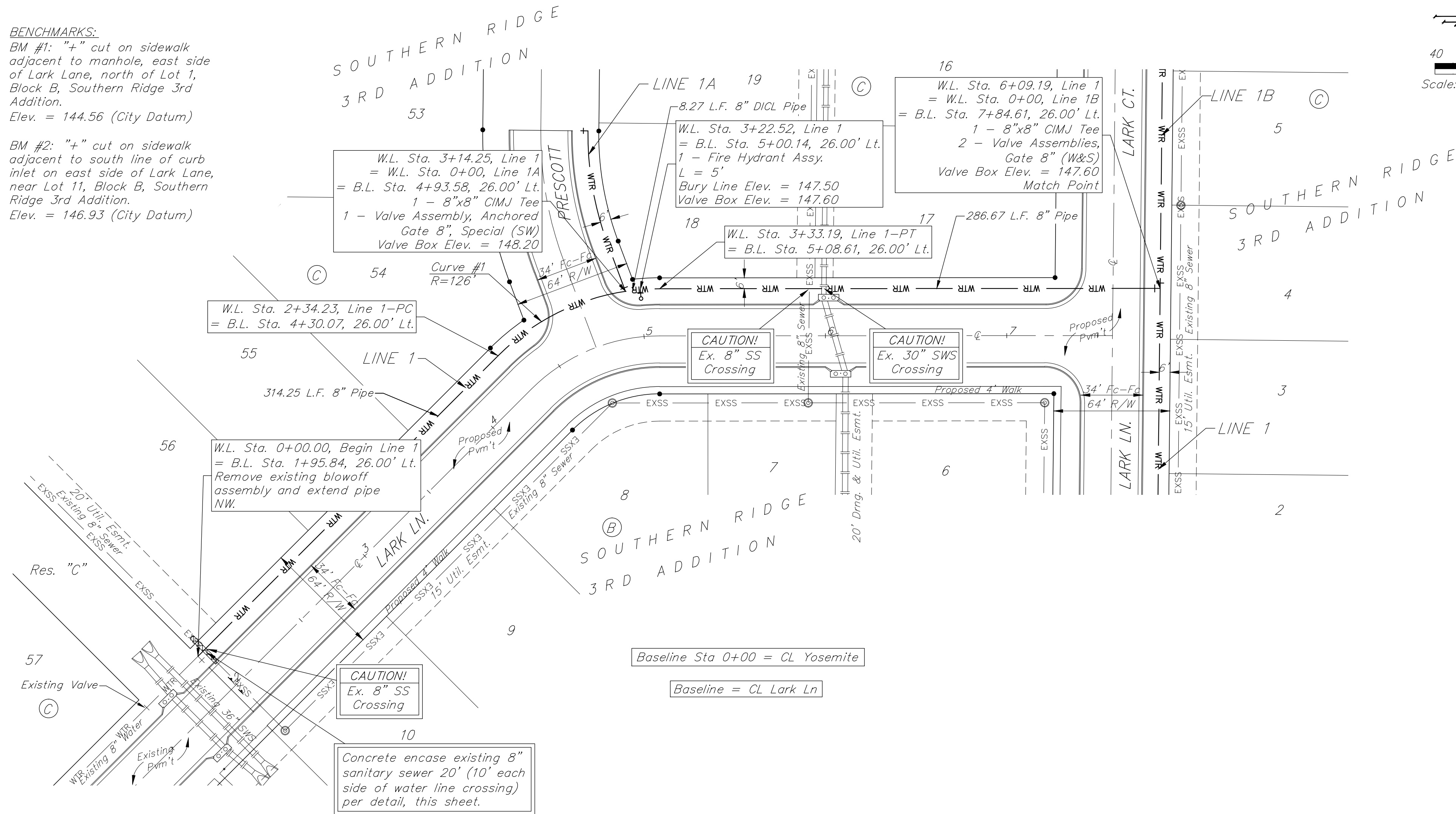
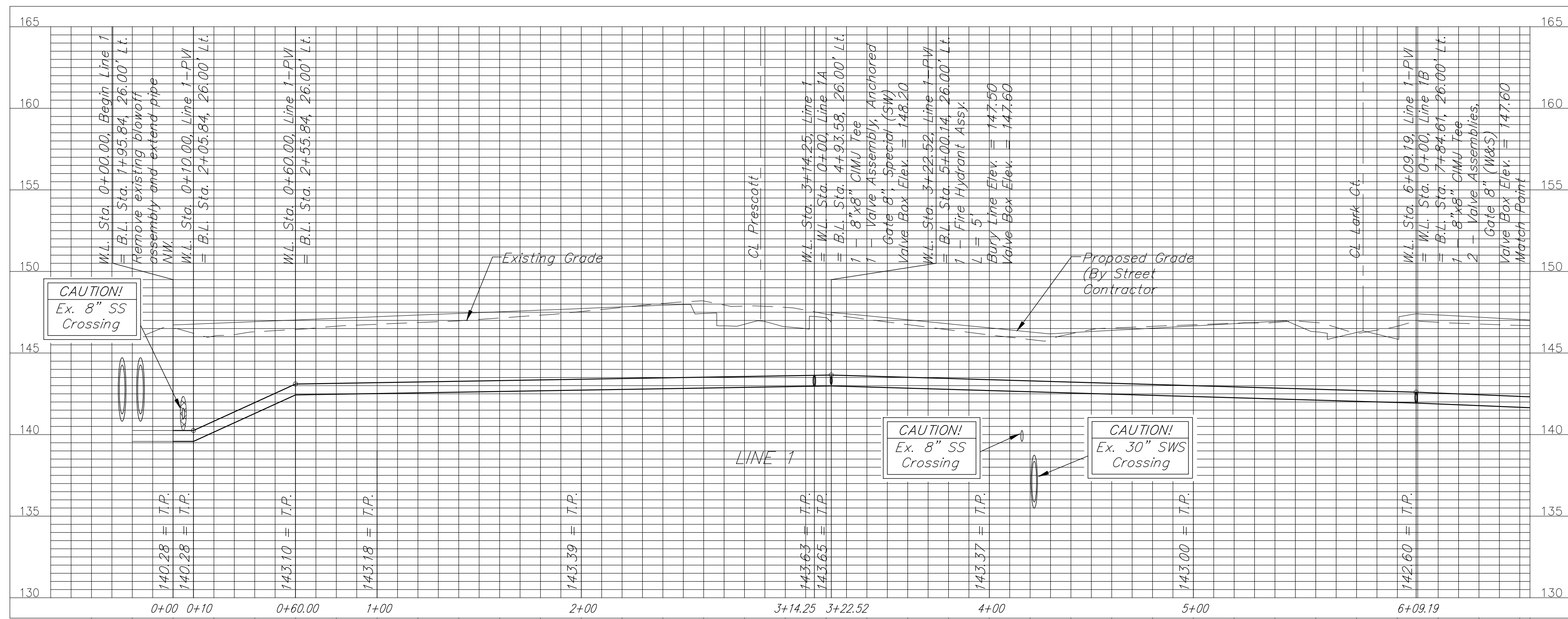


BENCHMARKS:
 BM #1: "+" cut on sidewalk adjacent to manhole, east side of Lark Lane, north of Lot 1, Block B, Southern Ridge 3rd Addition. Elev. = 144.56 (City Datum)

BM #2: "+" cut on sidewalk adjacent to south line of curb inlet on east side of Lark Lane, near Lot 11, Block B, Southern Ridge 3rd Addition. Elev. = 146.93 (City Datum)



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



Curve #1
 Curve Data Based on Waterline
 Rad. = 126' Delta = 45°00'00" Tangent = 52.19'
 Arc = 98.96' L.C. = 96.44' Def./Ft. = 13.64188 Min.

Station	Arc	Chord Lengths		Total Defl.
		6' Left	Defl.	
2+34.23	-	-	0'00"00"	0'00"00"
2+50.00	15.77'	16.51'	3'35"08"	3'35"08"
2+75.00	25.00'	26.15'	5'41"03"	9'16"11"
3+00.00	25.00'	26.15'	5'41"03"	14'57"14"
3+14.25	14.25'	14.92'	3'14"23"	18'11"37"
3+22.52	8.27'	8.66'	1'52"49"	20'04"26"
3+25.00	2.48'	2.60'	0'33"50"	20'38"16"
3+33.19	8.19'	8.58'	1'51"44"	22'30"00"

Baughman SOUTHERN RIDGE 3RD ADD. PH. 5A
LINE 1
 WATER DISTRIBUTION SYSTEM

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-2721 F 316-262-0149
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER: 448-90056
 DESIGN: DMV
 DRAWN: TMS

REVISIONS:
 APPROVED: 9-19-16
 DATE: 09/16

SCALE: Noted
 SHEET: 4 OF 14

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