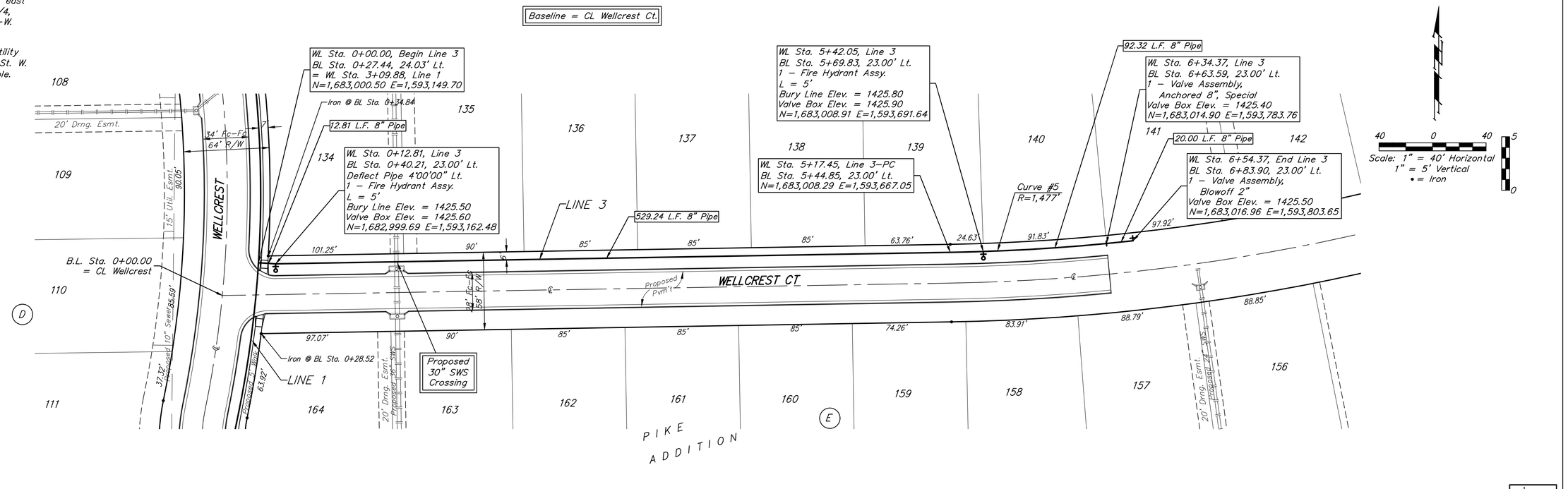
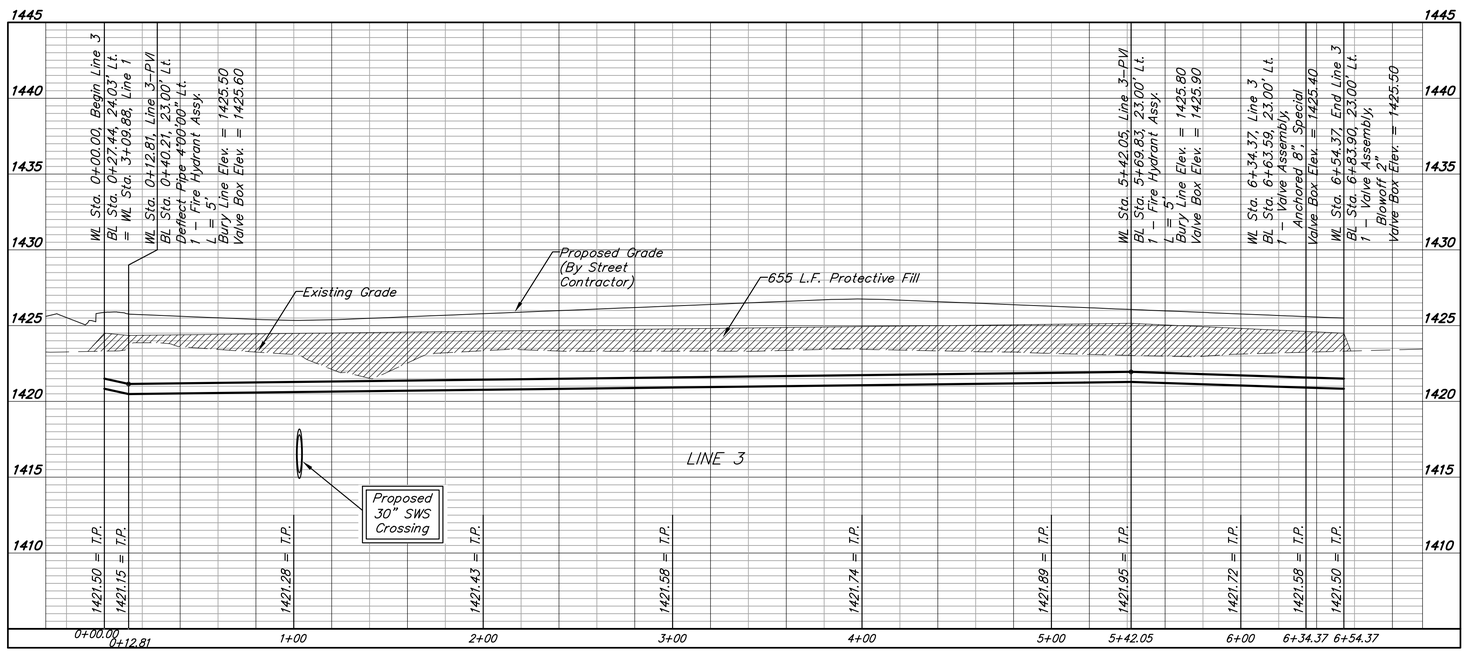
BENCHMARKS:
BM #1: City of Wichita disc top of headwall of RCBC 660'± east of the SE Cor. of the SE1/4, SEC. 22, TWP. 27-S, R-2-W. Elev. = 1410.27 NAVD88

BM #2: 60d step nail in utility pole 28' east of ℄ 162nd St. W. and 26' north of ℄ of Maple. Elev. = 1417.99 NAVD88



Curve #5				
Curve Data Based on Waterline				
Rad. = 1477' Delta = 5°18'41" Tangent = 68.51'				
Arc = 136.92' L.C. = 136.87' Def./Ft. = 1.16376 Min.				
		Chord Lengths		
Station	Arc	8' Left	Defl.	Total Defl.
5+17.45	-	-	0°00'00"	0°00'00"
5+25.00	7.55'	7.51'	0°08'47"	0°08'47"
5+50.00	25.00'	24.86'	0°29'06"	0°37'53"
5+75.00	25.00'	24.86'	0°29'05"	1°06'58"
6+00.00	25.00'	24.86'	0°29'06"	1°36'04"
6+25.00	25.00'	24.86'	0°29'06"	2°05'10"
6+34.37	9.37'	9.32'	0°10'54"	2°16'04"
6+50.00	15.63'	15.55'	0°18'11"	2°34'15"
6+54.37	4.37'	4.35'	0°05'05"	2°39'20"



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Drawn: AMJ Design: MAS Approved: Date: 05/20
Baughman Eng. Mgmt. Surv.

PIKE ADDITION - PH. II
LINE 3
WATER DISTRIBUTION SYSTEM

REVISIONS

SHEET 4 OF 17

KRISTINE E. GOTTI 17719 5/29/20 REGISTERED PROFESSIONAL ENGINEER