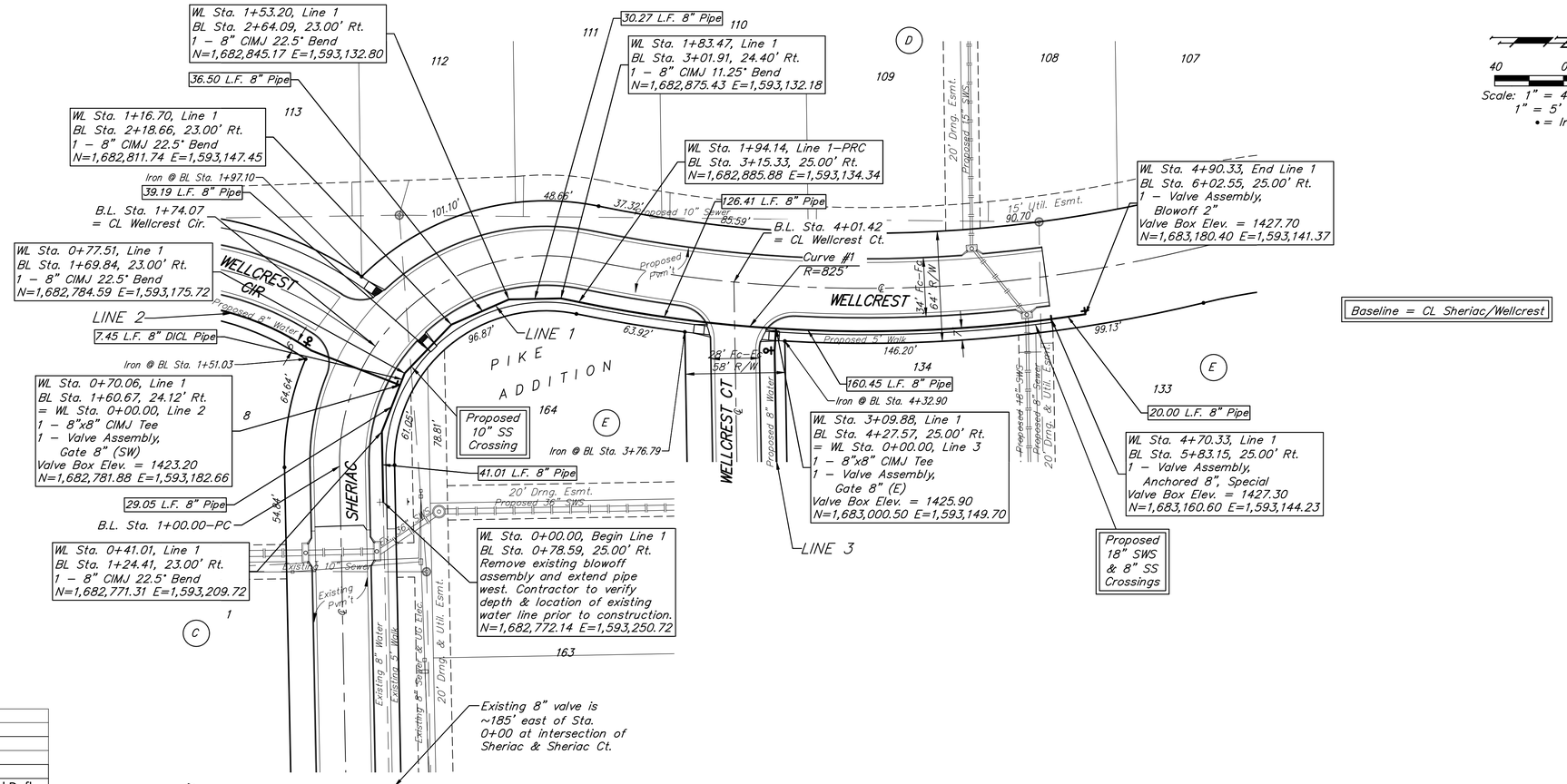
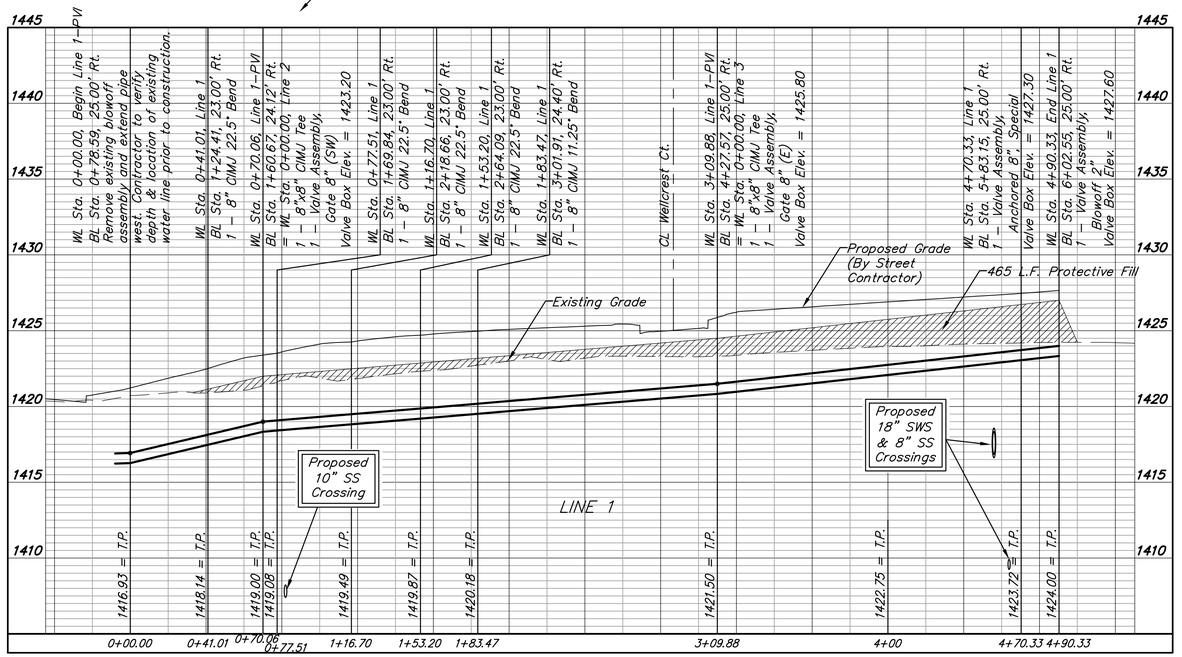
BENCHMARKS:
BM #1: City of Wichita disc top of headwall of RCBC 660'± east of the SE Cor. of the SE1/4, SEC. 22, TWP. 27–S, R–2–W. Elev. = 1410.27 NAVD88

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 #1				
Curve Data Based on Waterline				
Rad. = 825' Delta = 20°34'13" Tangent = 149.71'				
Arc = 296.19' L.C. = 294.60' Def./Ft. = 2.08349 Min.				
		Chord Lengths		
Station	Arc	8' Right	Defl.	Total Defl.
1+94.14	-	-	0°00'00"	0°00'00"
2+00.00	5.86'	5.92'	0°12'13"	0°12'13"
2+25.00	25.00'	25.24'	0°52'05"	1°04'18"
2+50.00	25.00'	25.24'	0°52'05"	1°56'23"
2+75.00	25.00'	25.24'	0°52'05"	2°48'28"
3+00.00	25.00'	25.24'	0°52'05"	3°40'33"
3+09.88	9.88'	9.98'	0°20'36"	4°01'09"
3+25.00	15.12'	15.27'	0°31'30"	4°32'39"
3+50.00	25.00'	25.24'	0°52'05"	5°24'44"
3+75.00	25.00'	25.24'	0°52'05"	6°16'49"
4+00.00	25.00'	25.24'	0°52'05"	7°08'54"
4+25.00	25.00'	25.24'	0°52'06"	8°01'00"
4+50.00	25.00'	25.24'	0°52'05"	8°53'05"
4+70.33	20.33'	20.53'	0°42'21"	9°35'26"
4+75.00	4.67'	4.72'	0°09'44"	9°45'10"
4+90.33	15.33'	15.48'	0°31'57"	10°17'07"

DEPTH UNKNOWN
Contractor to Verify Depth & Location of Existing Water Line Prior to Construction.



Baughman Company, P.A.
315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.0169
Design: AKG Drawn: TMB Approved
Date: 05/7/20
File: Water.dwg

PIKE ADDITION - PH. II
LINE 1
WATER DISTRIBUTION SYSTEM

REVISIONS

SHEET 2 OF 17