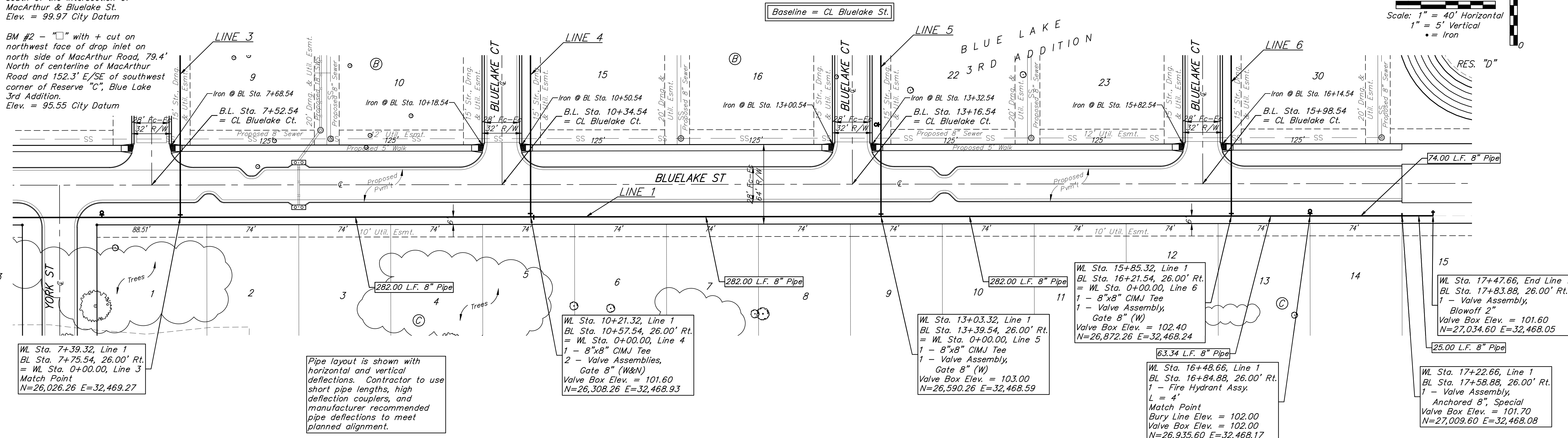
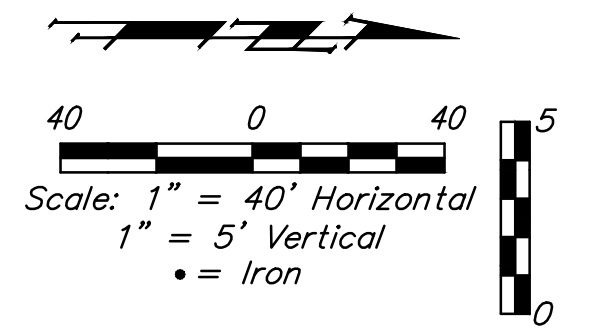


**BENCHMARKS:**  
 BM #1 - "+" on north side of manhole rim ~42' east and 28' south of the intersection of MacArthur & Bluelake St.  
 Elev. = 99.97 City Datum

BM #2 - "□" with + cut on northwest face of drop inlet on north side of MacArthur Road, 79.4' North of centerline of MacArthur Road and 152.3' E/SE of southwest corner of Reserve "C", Blue Lake 3rd Addition.  
 Elev. = 95.55 City Datum



WL Sta. 7+39.32, Line 1  
 BL Sta. 7+75.54, 26.00' Rt.  
 = WL Sta. 0+00.00, Line 3  
 Match Point  
 N=26,026.26 E=32,469.27

Pipe layout is shown with horizontal and vertical deflections. Contractor to use short pipe lengths, high deflection couplers, and manufacturer recommended pipe deflections to meet planned alignment.

WL Sta. 10+21.32, Line 1  
 BL Sta. 10+57.54, 26.00' Rt.  
 = WL Sta. 0+00.00, Line 4  
 1 - 8"x8" CIMJ Tee  
 2 - Valve Assemblies,  
 Gate 8" (W&N)  
 Valve Box Elev. = 101.60  
 N=26,308.26 E=32,468.93

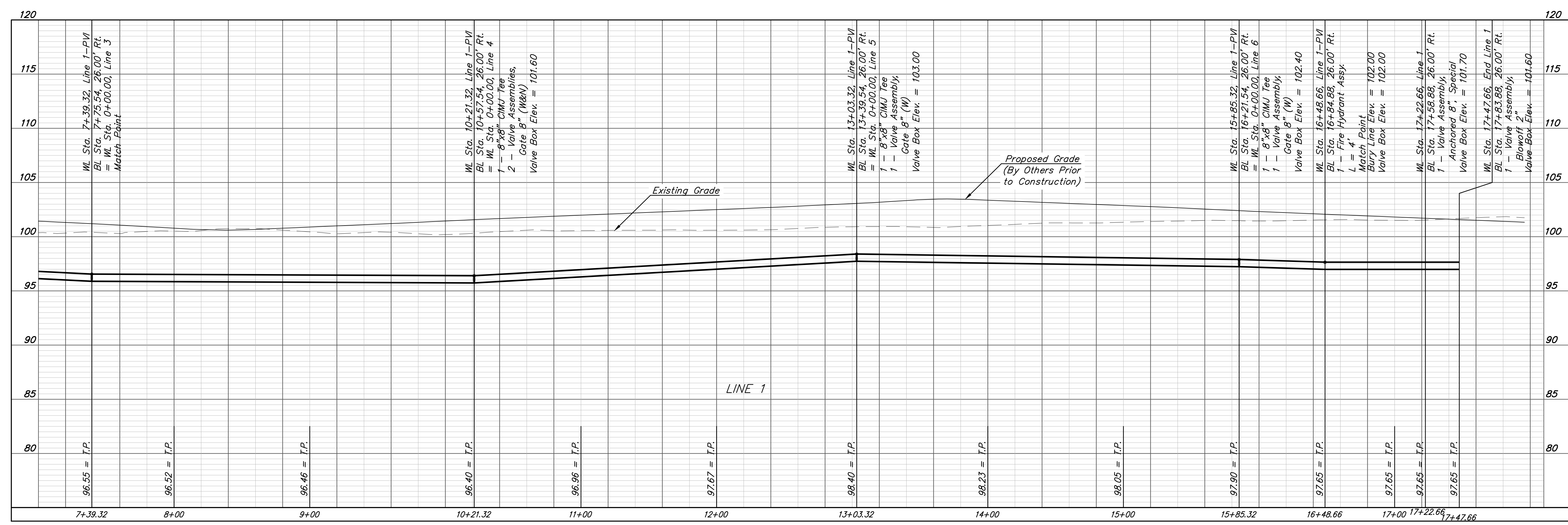
WL Sta. 13+03.32, Line 1  
 BL Sta. 13+39.54, 26.00' Rt.  
 = WL Sta. 0+00.00, Line 5  
 1 - 8"x8" CIMJ Tee  
 1 - Valve Assembly,  
 Gate 8" (W)  
 Valve Box Elev. = 103.00  
 N=26,590.26 E=32,468.59

WL Sta. 15+85.32, Line 1  
 BL Sta. 16+21.54, 26.00' Rt.  
 = WL Sta. 0+00.00, Line 6  
 1 - 8"x8" CIMJ Tee  
 1 - Valve Assembly,  
 Gate 8" (W)  
 Valve Box Elev. = 102.40  
 N=26,872.26 E=32,468.24

63.34 L.F. 8" Pipe  
 WL Sta. 16+48.66, Line 1  
 BL Sta. 16+84.88, 26.00' Rt.  
 1 - Fire Hydrant Assy.  
 L = 4'  
 Match Point  
 Bury Line Elev. = 102.00  
 Valve Box Elev. = 102.00  
 N=26,935.60 E=32,468.17

WL Sta. 17+47.66, End Line 1  
 BL Sta. 17+83.88, 26.00' Rt.  
 1 - Valve Assembly,  
 Blowoff 2"  
 Valve Box Elev. = 101.60  
 N=27,034.60 E=32,468.05

WL Sta. 17+22.66, Line 1  
 BL Sta. 17+58.88, 26.00' Rt.  
 1 - Valve Assembly,  
 Anchored 8", Special  
 Valve Box Elev. = 101.70  
 N=27,009.60 E=32,468.08



**BAUGHMAN COMPANY**  
 315 Ellis St.  
 Wichita, KS 67211  
 316-262-7271  
 BaughmanCo.com

BLUE LAKE 3RD ADD.  
 Phase 1

**LINE 1**

WATER DISTRIBUTION SYSTEM

PROJECT NUMBER:  
 23-01-E415

DESIGN: AEG DRAWN: TMS  
 DATE: October 9, 2023

SHEET **3** OF **18**

File: E:\Projects\Blue Lake 3rd Addition\_22-02-P755\Engineering\Phase 1\WTR 23-01-E415\Water.dwg