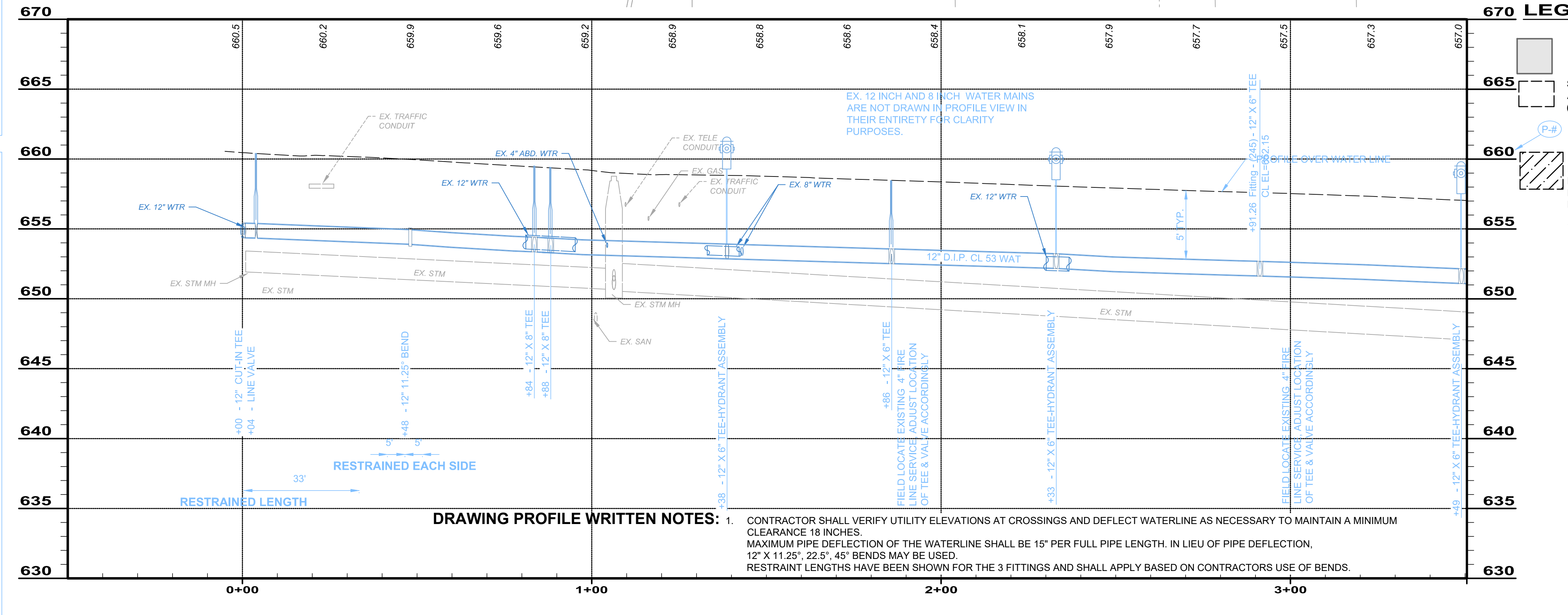
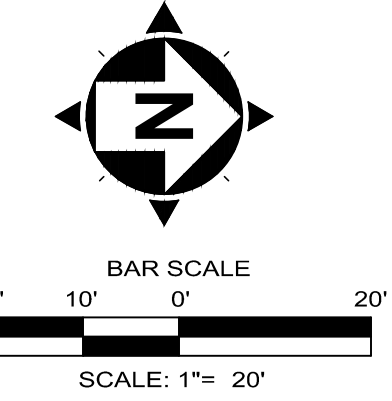


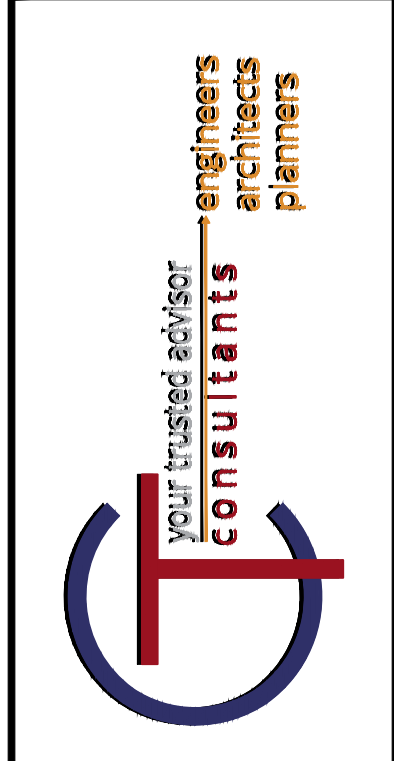
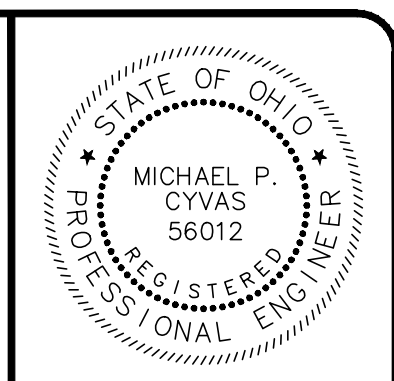
DRAWING PLAN WRITTEN NOTES:

- AT LOCATIONS WHERE THE PROPOSED 12" WATERLINE CONNECTS TO THE EXISTING WATERMAIN, CONTRACTOR SHALL PERFORM EXPLORATORY EXCAVATIONS TO EXPOSE/INVESTIGATE THE TIE-IN LOCATIONS. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY POSSIBLE CONFLICTS. AT THIS TIME THE ENGINEER SHALL ADJUST THE LOCATION OF THE TIE-IN AND NO ADDITIONAL COST OR DEDUCTION SHALL BE ADDED TO THE CONTRACT.



DRAWING PROFILE WRITTEN NOTES:

- CONTRACTOR SHALL VERIFY UTILITY ELEVATIONS AT CROSSINGS AND DEFLECT WATERLINE AS NECESSARY TO MAINTAIN A MINIMUM CLEARANCE 18 INCHES. MAXIMUM PIPE DEFLECTION OF THE WATERLINE SHALL BE 15" PER FULL PIPE LENGTH. IN LIEU OF PIPE DEFLECTION, 12" X 11.25", 22.5", 45" BENDS MAY BE USED. RESTRAINT LENGTHS HAVE BEEN SHOWN FOR THE 3 FITTINGS AND SHALL APPLY BASED ON CONTRACTORS USE OF BENDS.



NO.	REVISION	DATE
1		XXXX18

ISSUED FOR: UTILITY COORD.	NO.	DATE
ISSUE DATE:	AS SHOWN	XXXX18
SCALE:	MPC	
DESIGNED BY:	MPC/JPL	
DRAWN BY:		
CHECKED BY:	XXX	

ERIE STREET WATER LINE REPLACEMENT OF UTILITIES - WILLOUGHBY -

PLAN & PROFILE
STA. 0+00 TO STA. 3+50

PROJECT NO.	180608
DISCIPLINE	CIVIL
SHEET NAME	PP-01
SHEET	5
OF	20