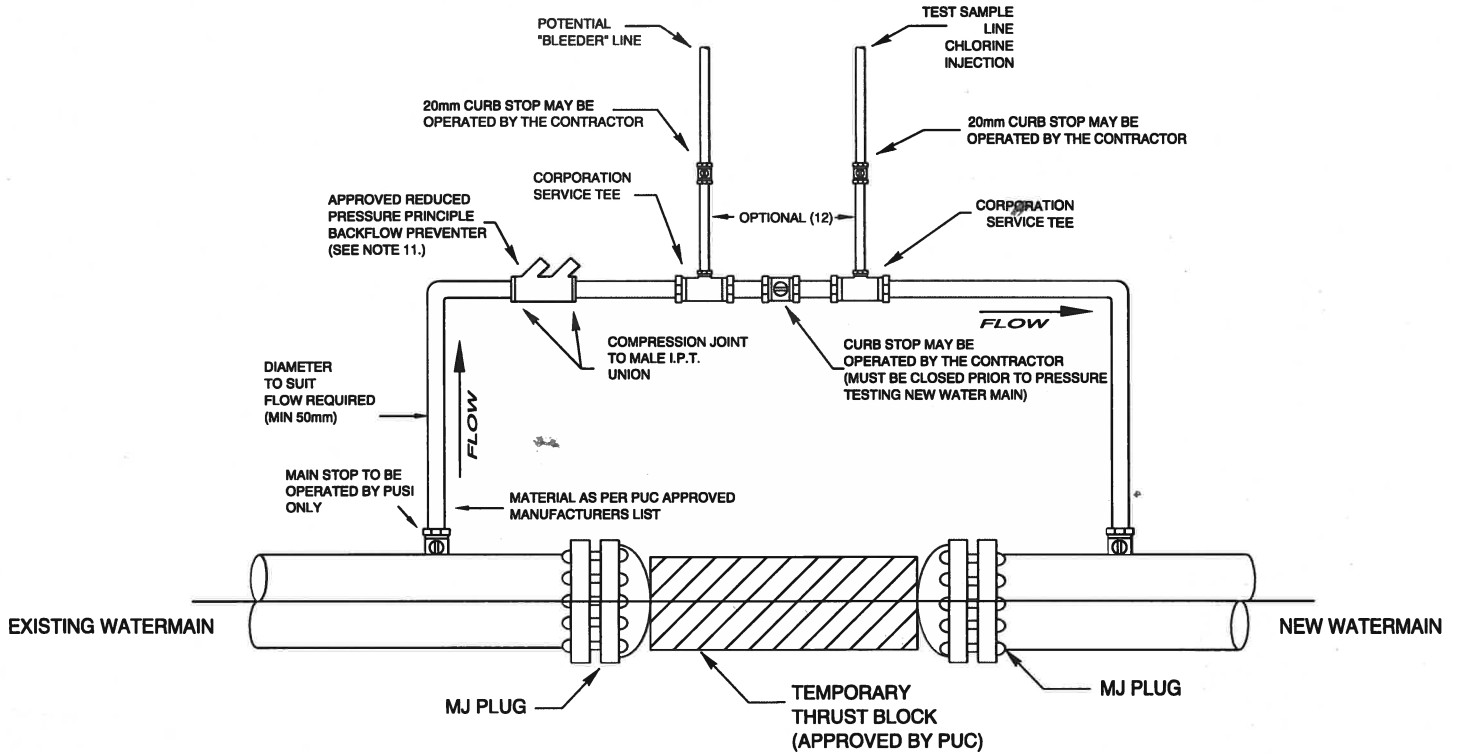
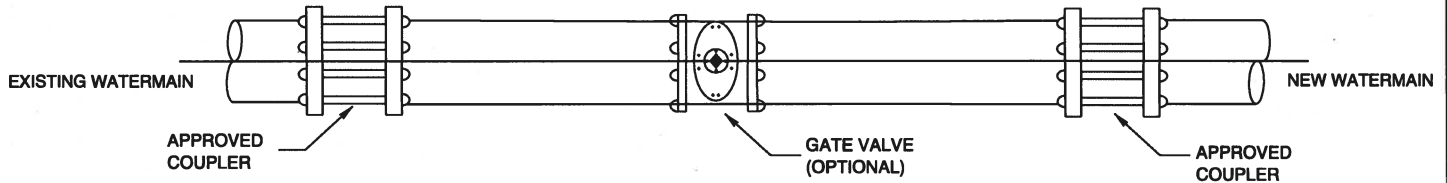


# BACKFLOW PREVENTION VALVE ASSEMBLY



**SUPERCEDES**  
DRAWINGS A2458 & A3004

# WATERMAIN COMPLETION ASSEMBLY



## NOTES:

1. THE FINAL CONNECTION OF THE WATERMAIN SHALL BE COMPLETED ONLY AFTER AUTHORIZATION BY THE PUC ENGINEER.
2. THE WATERMAIN SHALL BE DRAINED BY CONTROLLED MEANS. SUFFICIENT TRENCH DEWATERING CAPACITY SHALL BE USED WHEN THE EXISTING AND NEW WATERMAINS ARE DRAINED PRIOR TO THE FINAL CONNECTION TO ENSURE NO BACKFLOW INTO EITHER WATERMAIN.
3. THE WATERMAIN SHALL BE CUT BACK TO REMOVE THE TAPPING POINTS OF THE BACKFLOW PREVENTION VALVE ASSEMBLY.
4. ALL NEW PIPING AND APPURTENANCES PLACED IN THE CONNECTION SHALL BE THOROUGHLY DISINFECTED WITH 1% SOLUTION OF SODIUM HYPOCHLORITE OR EQUIVALENT AND INSTALLED UNDER PUC SUPERVISION.
5. ON NON-METALLIC WATERMAINS, THE TRACING WIRE SHALL BE CONNECTED TO THE COUPLER ONLY IF THE COUPLER IS NOT IN CONTACT WITH A METALLIC WATERMAIN OTHERWISE TERMINATE TRACER WIRE WITH AN ANODE.
6. A PHYSICAL SEPARATION MUST BE MAINTAINED AT ALL CONNECTION POINTS OF NEW WATERMAINS TO THE EXISTING SYSTEMS UNTIL BACTERIOLOGICAL TESTS HAVE PASSED. A SAMPLING TAP MUST BE PROVIDED AT THE END OF EACH BRANCH OR STUB.
7. ONLY PUC STAFF SHALL OPERATE MUNICIPALITY OWNED VALVES.
8. THIS DETAIL IS FOR SCHEMATIC INFORMATION ONLY. THE ACTUAL CONFIGURATION USED MUST SATISFY THE INTENT OF THIS DRAWING.
9. INSULATION OF WATERMAIN BY-PASS MAY BE REQUIRED DURING FREEZING CONDITIONS OR AS DIRECTED BY PUC STAFF.
10. ACCEPTABLE FOR NEW WATERMAIN INSTALLATIONS UP TO AND INCLUDING 300mm DIAMETER.
11. APPROVED BACKFLOW PREVENTERS AS PER THE "APPROVED MANUFACTURERS' PRODUCTS FOR THE PETERBOROUGH UTILITIES".
12. CHLORINATION AND BACTERIOLOGICAL TEST POINT BYPASS CAN BE COMBINED.
13. CURB STOP MUST BE CLOSED PRIOR TO PRESSURE TESTING NEW WATER MAIN.

# PETERBOROUGH UTILITIES SERVICES INCORPORATED

TITLE POTABLE WATER SUPPLY FOR TESTING NEW, REPLACED AND LINED WATERMAIN. CHLORINATION AND BACTERIOLOGICAL TEST POINT BYPASS.	No.	REVISION	DATE
	1.	ADD NOTE 13.	Nov.30, 2018
DRAWN BY <i>Mike Istchenko</i>	SCALE	NTS	DRAWING No.
DESIGNED <i>Kevin Conlin</i>	JOB COST		
APPROVED <i>[Signature]</i>	DATE	November 30, 2018	<b>CADD A3080</b>