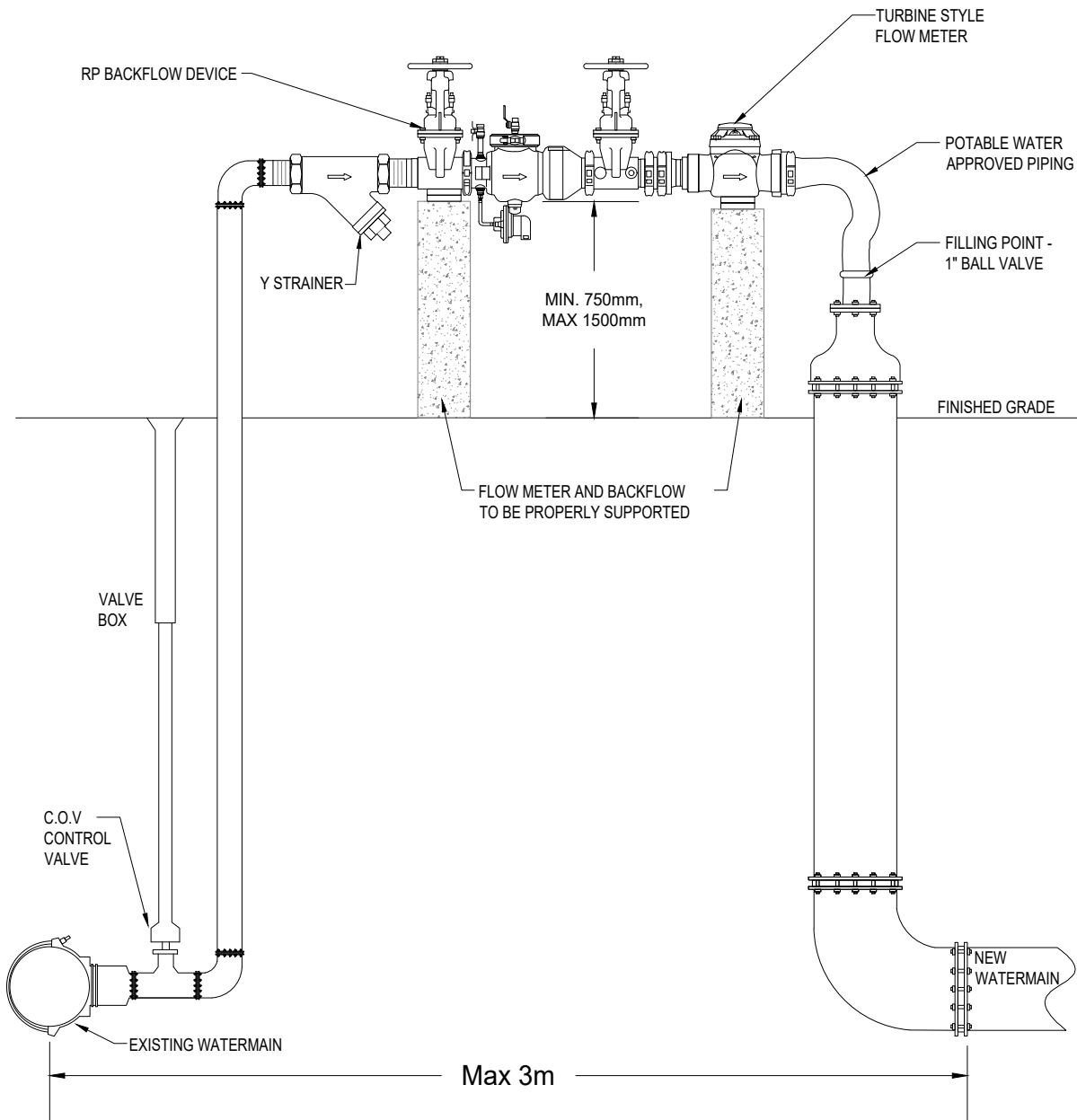


### CONNECTION SIZE

WATERMAIN SIZE	MIN. BYPASS SIZE
< 150mm	50mm
200mm - 400mm	100mm
> 450mm	Size to be approved by the City



**NOTES:**

1. BACKFLOW DEVICE MUST BE A REDUCED PRESSURE PRINCIPLE ASSEMBLY (RP) AND IN CONFORMITY WITH CSA B64.10. BACKFLOW TO BE SUPPLIED AND TESTED BY APPLICANT.
2. BACKFLOW TO BE FIELD TESTED BY A CROSS-CONNECTION CONTROL SPECIALIST WITH VALID OWWA TESTER CERTIFICATE. CITY OF VAUGHAN OPERATOR TO WITNESS ALL FIELD TESTING OF THE BACKFLOW ASSEMBLY. BACKFLOW MUST BE RE-TESTED WHEN RELOCATED, REPAIRED OR REPLACED.
3. BACKFLOW DEVICE TO BE DISCONNECTED FROM BYPASS PIPING DURING WATERMAIN PRESSURE TESTS.
4. ALL NEW PIPING AND FITTINGS TO BE DISINFECTED WITH 1-5% SODIUM HYPOCHLORITE SOLUTION ACCORDING TO AWWA C651.
5. ONLY CITY OF VAUGHAN STAFF TO OPERATE HYDRANT & MUNICIPALITY OWNED VALVES. APPLICANT/CONTRACTOR ARE NOT PERMITTED TO TURN HYDRANT ON/OFF.
6. APPLICANT/CONTRACTOR TO BE RESPONSIBLE FOR ANY DAMAGE TO CITY OF VAUGHAN AND/OR PRIVATE PROPERTY.
7. FREEZING PROTECTION MUST BE PROVIDED AND INSTALLED BY THE APPLICANT WHEN APPLICABLE.

4.		
3.		
2.		
1.		
REVISIONS		DATE



CITY OF VAUGHAN ENGINEERING STANDARD

## WATERMAIN BYPASS SETUP

**SIDE VIEW**

**mm** DIMENSIONS IN MILLIMETRES EXCEPT AS NOTED

NOT TO SCALE      DESIGNED: \_\_\_\_\_  
 REVISION: \_\_\_\_\_      DATE: \_\_\_\_\_ JAN. 2021

STD. DWG.  
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