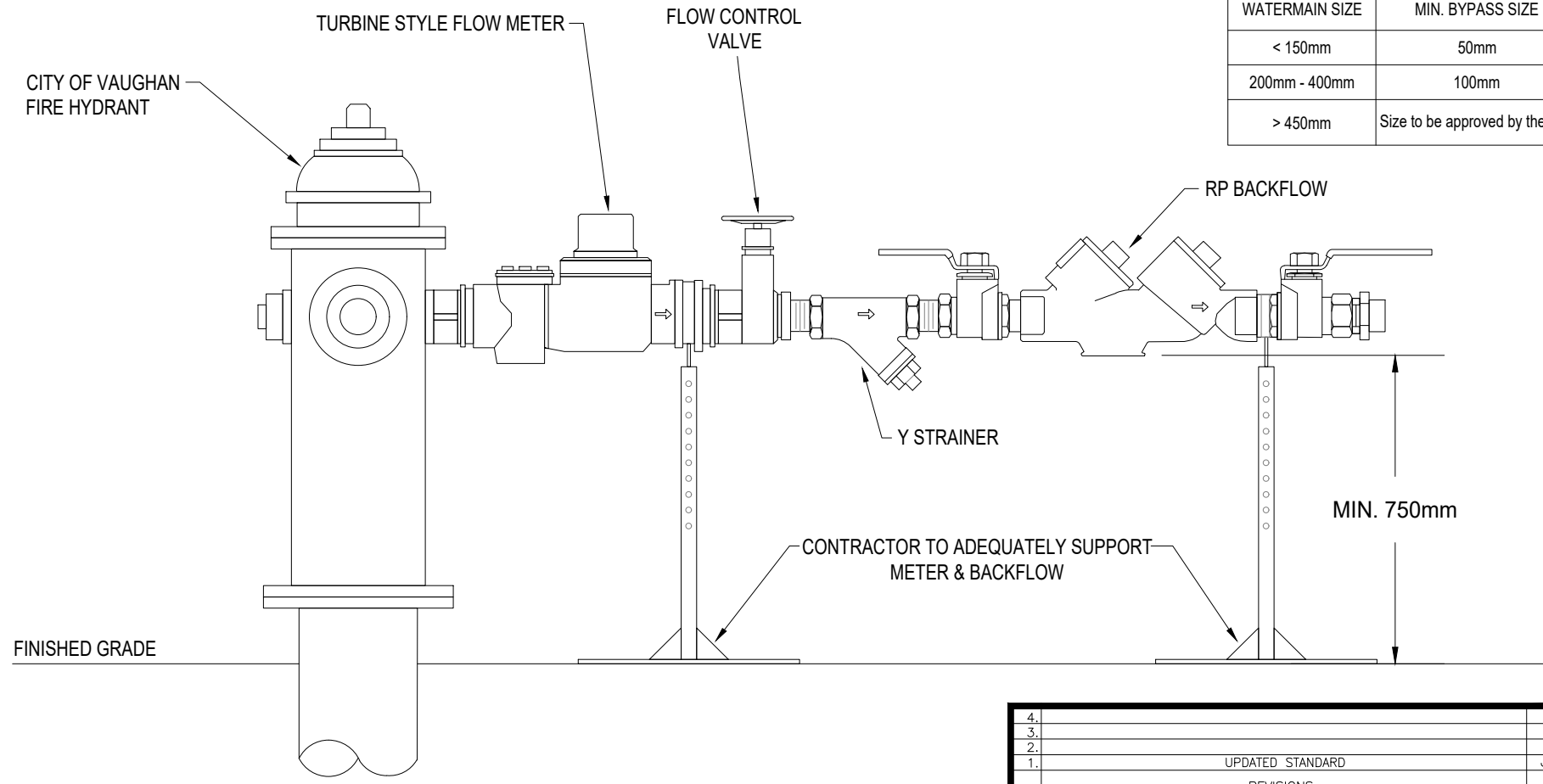


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CONNECTION SIZE	
WATERMAIN SIZE	MIN. BYPASS SIZE
< 150mm	50mm
200mm - 400mm	100mm
> 450mm	Size to be approved by the City



- 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. ONLY CITY OF VAUGHAN STAFF TO OPERATE HYDRANT & MUNICIPALITY OWNED VALVES. APPLICANT/CONTRACTOR ARE NOT PERMITTED TO TURN HYDRANT ON/OFF.
  5. APPLICANT/CONTRACTOR TO BE RESPONSIBLE FOR ANY DAMAGE TO CITY OF VAUGHAN AND/OR PRIVATE PROPERTY.
  6. FREEZING PROTECTION MUST ME PROVIDED AND INSTALLED BY THE APPLICANT WHEN APPLICABLE.

**mm** DIMENSIONS IN MILLIMETRES EXCEPT AS NOTED

4.		
3.		
2.		
1.	UPDATED STANDARD	JAN. 21
	REVISIONS	DATE



**CITY OF VAUGHAN ENGINEERING STANDARD**

**FIRE HYDRANT CONNECTION WITH METER AND BACK FLOW PREVENTER**

NOT TO SCALE      DESIGNED: DEPT. ENG.      STD. DWG.  
 REVISION: 01      DATE: JAN. 2021      **W - 114**