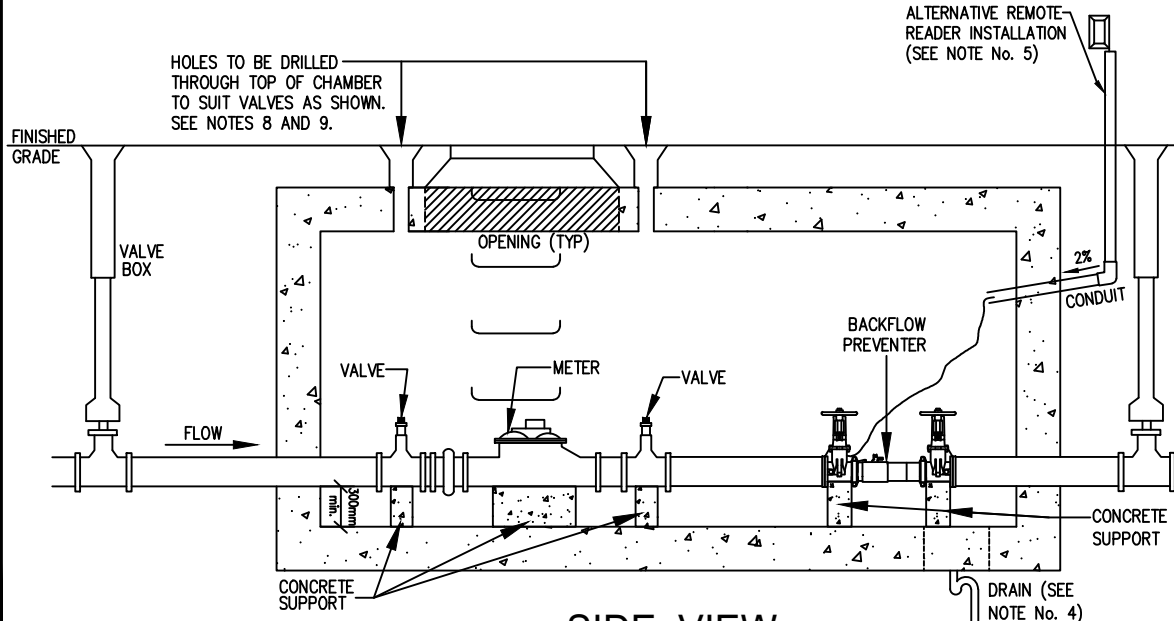


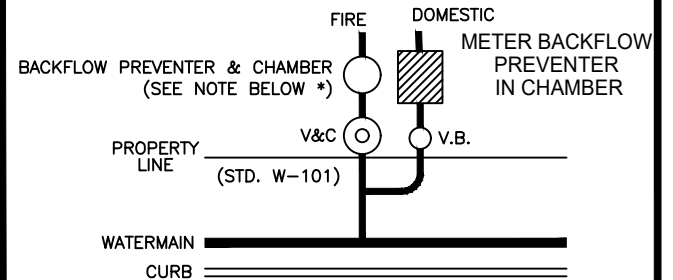
**PLAN VIEW**



**SIDE VIEW**

**mm** DIMENSIONS IN MILLIMETRES EXCEPT AS NOTED

**TYPICAL INSTALLATION**



\* BACKFLOW PREVENTER SHALL BE INSTALLED PER STD. W-111 WHEN HYDRANT CONNECTION IS PROPOSED FOR THE DEVELOPMENT

**NOTES:**

1. CONCRETE TO BE 32MPa COMPRESSIVE STRENGTH.
2. COPPER PIPE TO BE TYPE K.
3. CHAMBER COVER & FRAME TO BE 2 PIECE.
4. 100mm DIA. DRAIN COMPLETE WITH 'P' TRAP AND BACK WATER VALVE TO BE CONNECTED TO STORM SEWER.
5. 50mm CONDUIT TO BE INSTALLED FROM CHAMBER WALL TO AN ACCESSIBLE AND PERMANENT LOCATION APPROVED BY THE CITY.
6. CHAMBER TO BE DESIGNED FOR H2O LOADING AT 300mm COVER.
7. DIMENSIONS OF THE CHAMBER AND ALL INTERNAL CONNECTIONS SHALL BE VERIFIED BEFORE INSTALLATION.
8. VALVES TO BE EQUIPPED WITH KEY TYPE OPERATING NUT.
9. 6.5mm GALV. STEEL PLATE GUIDE FOR STEM EXTENSION PER O.P.S.D. 1101.020.
10. SEE STANDARD DRAWING W-101, W-107 & W-111 FOR ADDITIONAL NOTES.
11. BYPASS PIPE TO BE ONE (1) PIPE SIZE SMALLER THAN SERVICE CONNECTION OR MINIMUM 2" DIAMETER.
12. NO PERSON SHALL INSTALL OR PERMIT THE INSTALLATION OF A BYPASS UNLESS AUTHORIZED BY THE CITY AND THE BYPASS IS VALVED AND LOCKED BY THE CITY.
13. BACKFLOW DEVICE TO BE SELECTED, INSTALLED AND TESTED IN THE CONFORMANCE WITH CSA B64 "SELECTION INSTALLATION OF BACKFLOW PREVENTERS AND AS PER MANUFACTURE RECOMMENDATIONS".

4.		
3.		
2.		
1.		
REVISIONS		DATE



**CITY OF VAUGHAN ENGINEERING STANDARD**

**METER, BACKFLOW PREVENTER IN CHAMBER**

NOT TO SCALE

DESIGNED: ENG. DEPT.

STD. DWG.

REVISION: \_\_\_\_\_

DATE: JAN. 2021

**W - 106**