



NOTES:

1. DCVA BACKFLOW PREVENTERS SHALL NOT BE INSTALLED IN A BELOW-GRADE PIT OR VAULT UNLESS THE VAULT CAN BE MAINTAINED IN A DRY CONDITION, FOR EXAMPLE INSTALLATION OF A SUMP PUMP. WHEN A DCVA BACKFLOW PREVENTER IS INSTALLED IN A BELOW-GRADE PIT OR VAULT, ALL TEST COCKS ON THE DEVICE SHALL BE PLUGGED USING A MEANS THAT IS WATERTIGHT.
2. PITS TO BE STEEL PLATED WITHIN PAVED AREAS. STEEL PLATES ARE TO BE COUNTER SUNK FLUSH WITH PAVEMENT SURFACE. STEEL PLATES TO OVERLAP PAVEMENT MIN. 300 mm. STEEL PLATES TO BE OF SUFFICIENT STRENGTH TO SUPPORT VEHICULAR TRAFFIC. ALL PLATING TO HAVE A NON-SKID SURFACE AND TWO (2) 50 mm DIA. LIFT HOLES 150 mm CENTRE TO CENTRE WITHIN CENTRE OF PLATE.
3. FOR 150 OR 200 mm DIA. MAINS, A 50 mm DIA. BYPASS SHALL BE INSTALLED. FOR 300 mm AND LARGER, A 100 mm DIA. BYPASS SHALL BE INSTALLED.
4. PITS LOCATED IN NON-PAVED AREAS ARE TO BE COVERED WITH TIMBER AND BARRICATED WITH SNOW FENCING.
5. 50 mm DIA. PIPE TO HAVE IRON PIPE THREADS.
6. PIPE RESTRAINERS TO BE UNI-FLANGE SERIES 1300, EBAA SERIES 2000 PV OR ROMAC SERIES GRIP DI.
7. ASSEMBLY TO BE REMOVED AFTER DISINFECTION HAS PASSED AND JUST PRIOR TO CONNECTING TO EXISTING WATERMAIN.
8. ALL FITTINGS TO BE BRASS WITH IPT UNLESS NOTED OTHERWISE.

All dimensions are in millimetres unless otherwise shown.



ENGINEERING & CONSTRUCTION SERVICES STANDARD DRAWING

**DCVA CONNECTION DETAIL FOR BELOW
GRADE INSTALLATION DURING DISINFECTION**

REV 3

SEP 2017

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SHEET 1