


NOTES:

- A Design according to CAN/CSA S6 and Ministry of Transportation of Ontario Structural Manual, Division 1, for minimum 0.5m and maximum 4.0m of earth cover. The maximum buried depth to bottom of chamber is 7.5m.
- B The valve chamber may be buoyant. Measures required to counteract buoyancy shall be as specified.
- C When the combined height of chamber and chimney is 5.0m or greater, provide safety platform according to OPSD 404.010.
- D Standing water shall not be allowed to accumulate during construction to within 1.7m of top of chamber when chamber is not backfilled to grade.
- E Thrust blocks designed for a maximum water surge pressure of 1.72 MPa and a maximum opening size of 1220mm diameter. If thrust blocks are required, they shall be placed on the outside of the chamber on the side or sides specified.
- F All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING PRECAST CONCRETE VALVE CHAMBER WITH POURED-IN-PLACE THRUST BLOCKS 3600 x 3000mm COMPONENTS	Nov 2018 Rev 1	
OPSD 1101.040		