


**NOTES:**

- A Design according to CAN/CSA S6 and Ministry of Transportation of Ontario Structural Manual, Division 1, for maximum 4.0m of earth cover.
- 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 1.6m of top of chamber when chamber is not backfilled to grade.
- E Thrust blocks designed for a water pressure of 0.86 MPa and a maximum watermain size of 600mm diameter. If thrust blocks are required, they shall be placed on the outside of the chamber on the side or sides as specified.
- F All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2018	Rev	3	
<b>PRECAST CONCRETE VALVE CHAMBER WITH POURED-IN-PLACE THRUST BLOCKS</b> 1800 x 2400mm COMPONENTS	----- ----- -----			
<b>OPSD 1101.012</b>				