


NOTES:

- 1 Threaded inserts for the attachment of thrust blocks shall be 15M equivalent with strength of 125% of yield strength of coupled rebar. For location and number of inserts see OPSD 1101.014.
 - 2 If no opening in a single riser, the height of that riser may be 2000 to 4500mm.
 - 3 A+B shall be a minimum of L/2.
- A Reinforcing steel shall be according to CSA G30.18, Grade 400W. Inside diameter of bends shall equal six bar diameters. Additional reinforcing shall be rebar Grade 400W.
- B Main reinforcing shall be welded wire fabric, $f_y=500\text{MPa}$, according to ASTM A497M. Minimum bend shall be six bar or four wire diameters.
- C Precast concrete strength shall be 40MPa.
- D Clear cover to reinforcing in precast shall be a minimum of 40mm and a maximum of 50mm.
- E This OPSD shall be read in conjunction with OPSD 1101.012, 1101.014, and 1101.015.
- F All dimensions are nominal.
- G All dimensions are in millimetres unless otherwise shown.

LEGEND:

As means Area of Steel

<p>ONTARIO PROVINCIAL STANDARD DRAWING</p> <p>PRECAST CONCRETE VALVE CHAMBER WITH POURED-IN-PLACE THRUST BLOCKS</p> <p>1800 x 2400mm RISER AND BASE</p>	<p>Nov 2018</p>	<p>Rev 3</p>	
<p>OPSD 1101.013</p>			