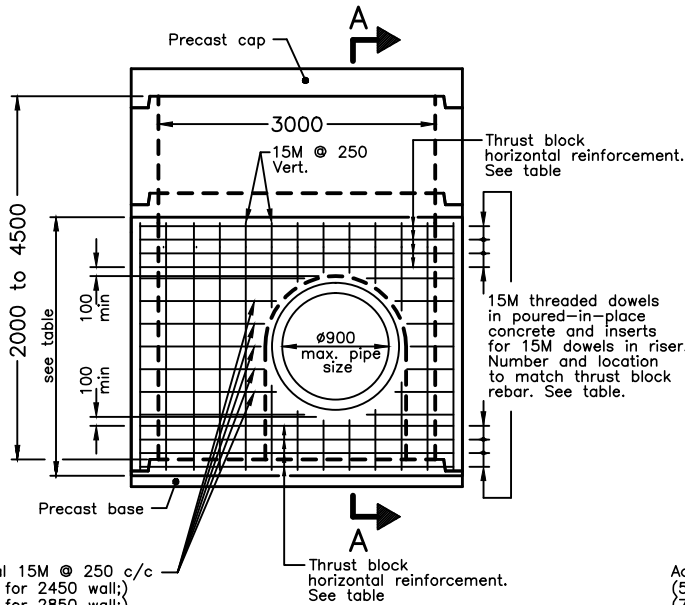
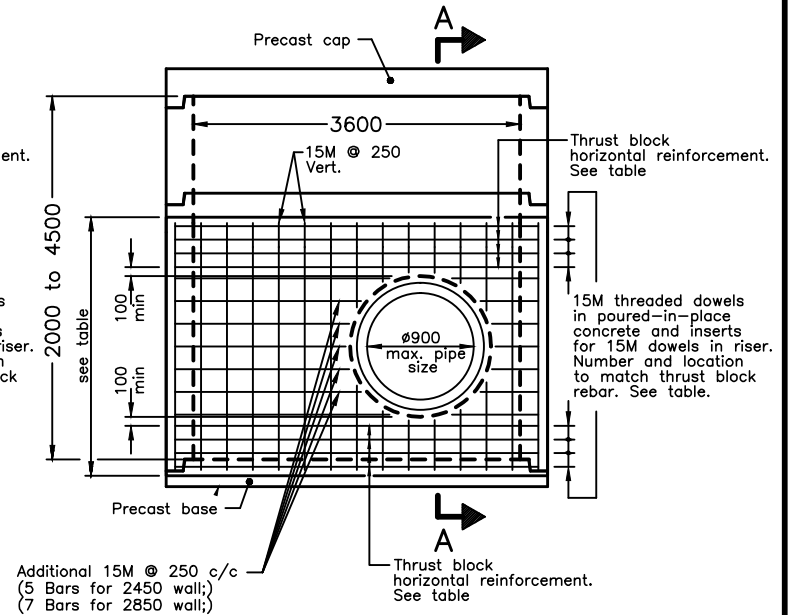


SECTION A-A

Additional 15M @ 250 c/c
(5 Bars for 2450 wall;
7 Bars for 2850 wall;)



ELEVATION OF SHORT WALL THRUST BLOCK



ELEVATION OF LONG WALL THRUST BLOCK

NOTES:

- 1 Threaded inserts for the attachment of thrust block shall be 15M equivalent and Dayton Superior DBR system or equal with strength of 125% of yield strength of coupled rebar.
- 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 Thrust blocks shall be poured-in-place concrete as specified.
- C Thrust block concrete to be Class C-2.
- D Clear cover to reinforcing steel:
 - 100mm \pm 25mm to bottom of thrust block
 - 70mm \pm 20mm to remainder of thrust block.
- E This OPSD shall be read in conjunction with OPSD 1101.040, 1101.041, and 1101.043.
- F All dimensions are in millimetres unless otherwise shown.

Nominal Watermain Size	Thrust Block Height	Thrust Block Thickness	Thrust Block Reinforcement	Total Inserts
$\leq \phi 900$	2450	500	8-25M each face	16

ONTARIO PROVINCIAL STANDARD DRAWING PRECAST CONCRETE VALVE CHAMBER WITH Poured-IN-PLACE THRUST BLOCKS 3600 x 3000mm THRUST BLOCKS	Nov 2018 Rev 1	
OPSD 1101.042		