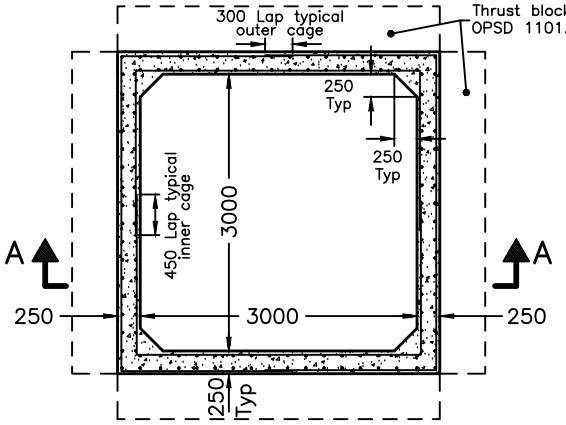
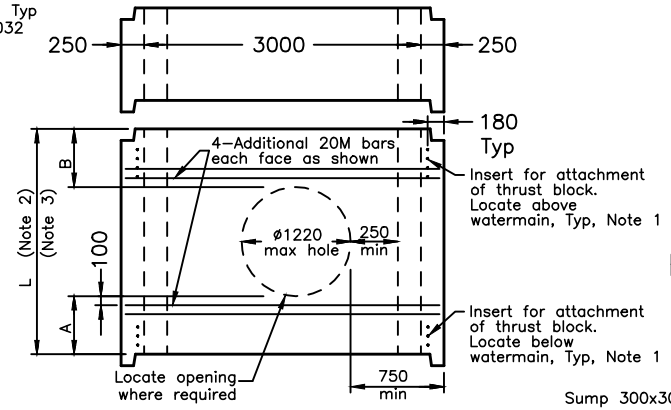
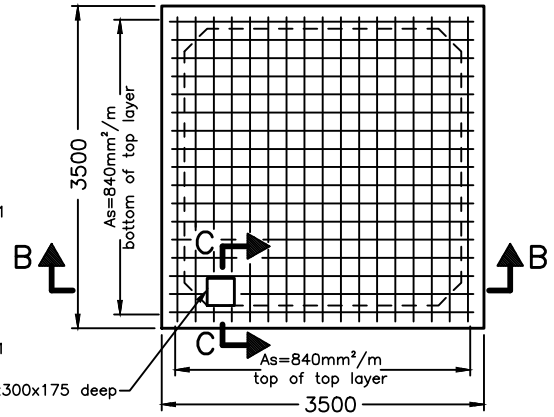


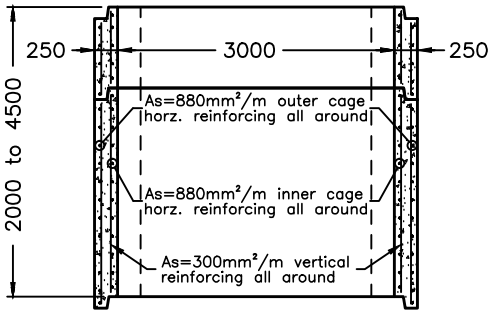
PLAN OF RISER



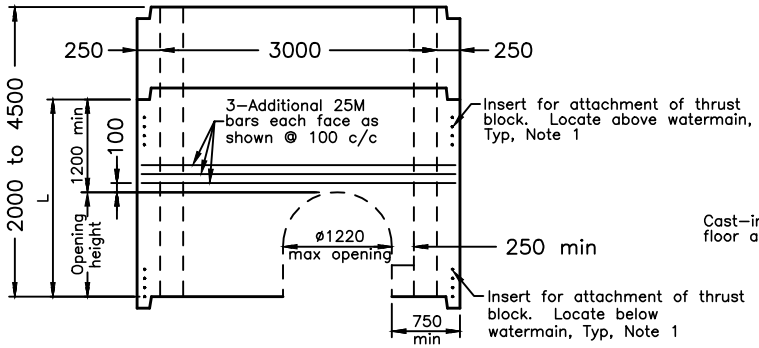
VIEW OF SIDES WITH CIRCULAR OPENING



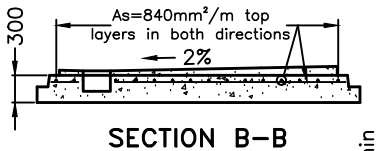
PLAN OF BASE



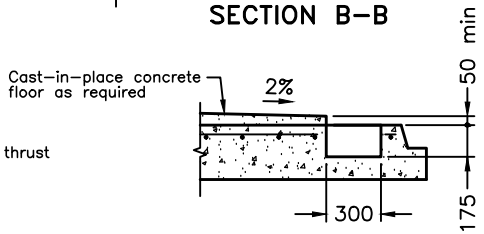
SECTION A–A



VIEW OF SIDES WITH SLOTTED OPENING



SECTION B–B



SECTION C–C

NOTES:

1 Threaded inserts for the attachment of thrust blocks shall be 15M equivalent and Dayton Superior DBR system or equal with strength of 125% of yield strength of coupled rebar. For location and number of inserts see OPSD 1101.032.
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 or 1200mm.

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, fy=500MPa, 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 1101.030, 1101.032, and 1101.033.
F All dimensions are nominal.
G All dimensions are in millimetres unless otherwise shown.

LEGEND:

As means Area of Steel

ONTARIO PROVINCIAL STANDARD DRAWING

PRECAST CONCRETE VALVE CHAMBER WITH POURED–IN–PLACE THRUST BLOCKS 3000 x 3000mm RISER AND BASE

Nov 2018 | Rev 1

ONTARIO STANDARDS • MUNICIPAL – PROVINCIAL • OPS

OPSD 1101.031