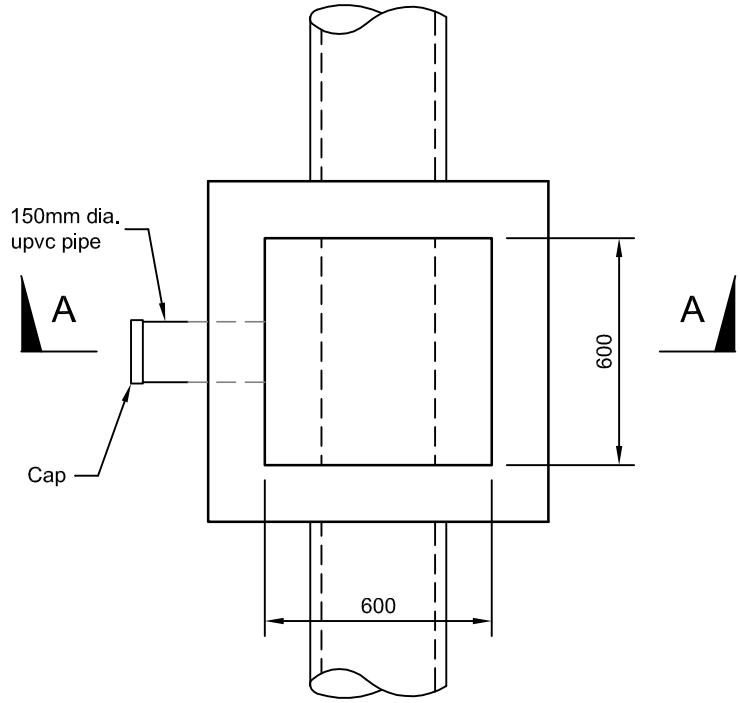
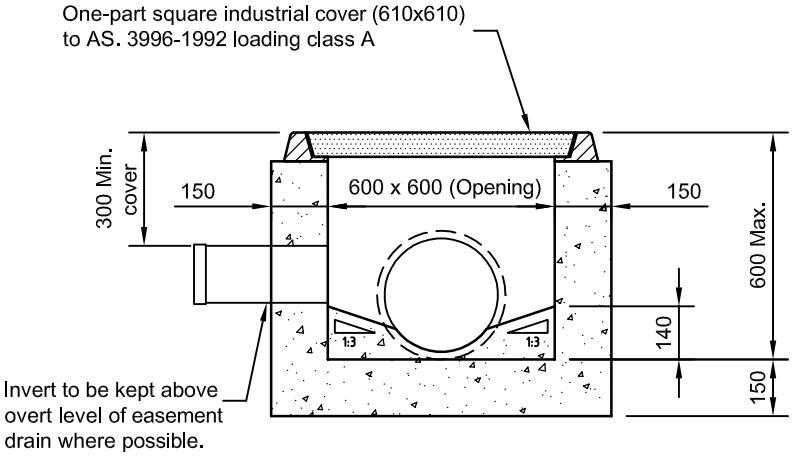
NOTES

1. Use F92 reinforcement with 300mm minimum lap length and clear cover of 65mm. Corner return reinforcement may be fabric or equivalent bars.
2. Concrete strength to be 25mpa at 28 days.
3. Minimum fall across pit base to be 30mm
4. Use junction pit for all pits greater than 0.6m deep or where the pipe diameter exceeds 525mm dia.
5. Grout: 2 parts sand, 1 part cement and sufficient water to produce mix of suitable consistency.
6. All levels to be within +/-10mm of design.
7. Pit may be precast if approved by Bayside City Council.
8. Frames must have adequate anchorage to ensure that they do not come loose.
9. Concrete infill for cover and frame shall be N32 at 28 days with 10 max size aggregate. Tamp and pencil vibrate.
10. Precast units may be constructed to the manufacturers details. The design shall comply with the AS 5100 Bridge Design and the following additional requirements:-
    - Combined factored lateral pressure at any point at the ultimate limit state shall be not less than 25kPa
    - Adequate drainage shall be provided to pit walls to avoid hydrostatic pressure.
    - Vertical load 210 kn applied any where on pit.
    - Minimum reinforcement area shall be 150mm²/m.
    - Concrete shall be normal class N32 standard strength grade or higher complying with requirements of AS 1379 Exposure classifications up to and including B1.



PLAN
(Cover & frame removed)



SECTION A-A

Bayside CITY COUNCIL

Standard Drawing Title

EASEMENT PIT

Scale 1:20

References to:

Standard Drawing No. BCC507 Page 1 of 1

Rev: A

Approved
Manager Engineering Services

Date: 19-Dec-08