

Where depth d is less than 1500 rectangular access covers shall be adopted when specified, refer Standard Drawing S-0024

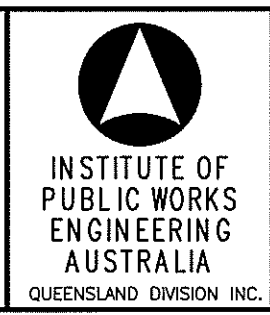
For alternative reinforcement for bolt down cover, refer details on Standard Drawing S-0020

**FABRIC REINFORCED ROOF**  
Fabric reinforced alternative on Standard Drawing D-0011

- NOTES:**
1. Minimum fall through chambers shall be 40mm.
  2. Concrete N32 in accordance with AS 1379 and AS 3600.
  3. All fasteners Grade AS 2837/316 stainless steel.
  4. Nylon or polythene separation inserts shall be used between stainless steel fasteners & aluminium sections.
  5. Anti-galling lubricant "Loctite 222 or 567" or similar shall be used on all threads and between all stainless steel abutting surfaces
  6. Aluminium surfaces in contact with concrete shall be painted with two coats of alkali resistant bituminous paint.
  7. uPVC or GRP pipes cast into chamber walls shall be coated or sanded for the length of wall penetration to ensure bonding.
  8. Unless noted otherwise angles, bars and tubes shall be aluminium alloy 6061 T6 to AS1664
  9. Provide 2 NO safety bars at 300 centres for outlet pipes larger than Ø600.
  10. Wall thickness for chamber greater than 6.0m deep should be design specific.
  11. Reinforcement. Y Bars to AS 1302. Fabric to AS 1304.
  12. Covers, refer project drawing ; - C.I. Rectangular Standard Drawing S-0024, C.I. Concrete filled Standard Drawing S-0025, C.I. Bolt down Standard Drawing S-0026.
  13. Roof design based on Austroads W7 wheel load, dynamic factor 0.4.
  14. All dimensions in millimetres.

REVISIONS	DATE	
B	Opening Dia. changed	3/4/00
A	ORIGINAL ISSUE	8/12/95

© INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALIA QUEENSLAND DIVISION INC. -1995  
**DISCLAIMER.** The authors and sponsoring organisations shall have no liability or responsibility to the user or any other person or entity with respect to any liability, loss or damage caused or alleged to be caused, directly or indirectly, by the adoption and use of these Standard Drawings including, but not limited to, any interruption of service, loss of business or anticipatory profits, or consequential damages resulting from the use of these Standard Drawings. Persons must not rely on these Standard Drawings as the equivalent of, or a substitute for, project-specific design and assessment by an appropriately qualified professional.



**ACCESS CHAMBERS**  
**1500mm DIA.**  
**INSITU CONSTRUCTION**

**SEWERAGE**  
**Standard**  
**Drawing**  
**S-0022**