



**NOTES**

1. ALL PRECAST COMPONENTS TO BE FROM APPROVED SUPPLIERS.
2. PIPES MUST NOT ENTER AT A MAINTENANCE HOLE SECTION JOINT.
3. ALUMINUM MAINTENANCE HOLE STEPS AS PER OPSD 405.020.
4. PRECAST FLAT TOP DESIGN ONLY AS APPROVED.
5. SAFETY GRATES ARE REQUIRED FOR MAINTENANCE HOLE DEPTHS GREATER THAN 5.0m. MAXIMUM SPACING BETWEEN SAFETY GRATES IS 4.5m.
6. MAINTENANCE HOLES TO BE INDIVIDUALLY DESIGNED AND APPROVED WHEN MAINTENANCE HOLE DEPTHS ARE GREATER THAN 7.5m
7. FOR MAINTENANCE HOLE SIZING SEE OPSD 701.021 (USE PIPE Ø + 100mm FOR MAXIMUM HOLE SIZE).
8. COMPACTED SAND BACKFILL WITHIN 1.0m OF MAINTENANCE HOLE.
9. SEMI-CAST MAINTENANCE HOLES TO BE INDIVIDUALLY DESIGNED AND APPROVED.
10. WRAP OUTSIDE OF BRICKWORK SURFACES ENTIRELY WITH WATERPROOF MEMBRANE SO THAT IT OVERLAPS TOP OF PRECAST AND FRAME.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED



**1500mm - 3000mm  
PRECAST CONCRETE  
MAINTENANCE HOLE**

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**C-102**