Typical Type 2 Chamber Detail

Maximum depth from cover level to soffit of pipe 3.0m

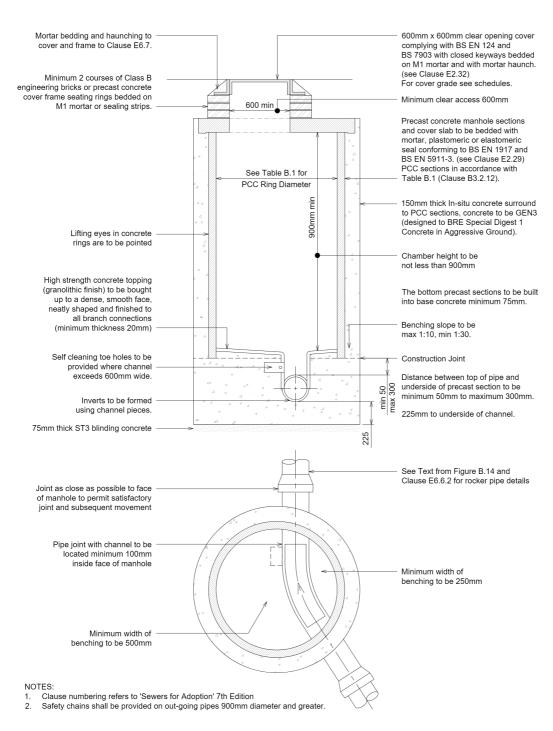


Table P.1 Clause P2 2.12 Manhala Diameters

| Table B.1 - Clause B3.2.12 - Mannole Diameters | |
|--|--|
| Minimum nominal internal dimension of manhole (mm) | |
| 1200 | |
| 1350 | |
| 1500 | |
| 1800 | |
| Pipe diameter + 900 | |
| | |

Clause E6.6 - Pipes and Joints Adjacent to Structures

- Where rigid pipes are used, a flexible joint (rocker pipe) shall be provided as close as is feasible to the outside face of any structure into which a pipe is built, within 150mm for pipe diameters less than 300mm. The design of the joints shall be compatible with any subsequent movement.
- The recommended length of the next pipe (rocker pipe) away from the structure shall be as shown in Table E.12.

Clause E6.7 - Setting Manhole Covers and Frames

- Manhole frames shall be set to level, bedded and haunched externally over the base and sides of the frame in mortar, in accordance with the manufacturers instructions. The frame shall be seated on at least two courses of Class B engineering bricks, on precast masonry units or on precast concrete cover frame seating rings to regulate the distance between the top of the cover and the top rung of the ladder (to be no greater than 675mm). A mortar filler shall be provided where the corners to an opening in a slab are chamfered and the brickwork is not flush with the edges of the opening.
- Frames for manhole covers shall be bedded in a polyester resin based mortar in all situations where covers are sited in NRSWA Road Categories I,II or III (i.e. all except residential cul-de-sacs).

Table E 42 Daaless Binsa

| Table E.12 Rocker Pipes | |
|-------------------------|---|
| Nominal Diameter (mm) | Effective length of Rocker Pipe (mm) |
| 150 to 600 | 600 |
| 600 to 750 | 1000 |
| Over 750 | 1250 |

Clause E2.29 - Precast Concrete Manhole

- Precast concrete manhole units shall consider the shall shall and BS 5911-3. Units which bed it imposed vertical loads are transmitted The profiles of joints between units and withstanding applied loadings from suc be used where the soffit of the slab is re
- Precast concrete chamber sections for comply with BS EN 1917 and BS 5911-

Clause E2.32 - Manhole Covers and Fram

- Manhole covers and frames shall comp BS 7903 and Highways Agency Guidar non rocking design which does not rely
- Manhole covers on foul-only sewers sh excessive surface water ingress.
- As a minimum, Class D400 covers sha pedestrian streets), hard shoulders and vehicles
- Minimum frame depths for NRSWA roa
- Class B125 covers shall be used in foo
- In situations where traffic loading is ant typical residential estate distributor road higher specification E600 covers shall be
- All Manholes shall be the non ventilating

Table E.6 Minimum Frame Depths

| NRSWA Road Category | Road Description |
|------------------------|--|
| I | Trunk road and dual carriageways |
| II | All other A roads |
| III | Bus services |
| IV | All other roads except residential cul-de-sacs |
| - | Residential cul-de-sacs |

Clause E2.32 - Manhole Covers and Fram

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- Minimum frame depths for NRSWA roa
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- In situations where traffic loading is ant typical residential estate distributor road higher specification E600 covers shall be
- 7. All Manholes shall be the non ventilating

Text taken from Figure B.14

- Stub pipes into structures shall be of rig
- No incoming branch is to be less than 9 flow, all pipes entering the bottom of the

