



SECTION A-A
INSITU CONCRETE DESIGN
 (Chamber walls may also be constructed
 in brickwork or blockwork, see note 2)

Notes:

1. All dimensions are in millimetres unless shown otherwise.
2. The chamber walls shall be constructed in either:
 (i) In-situ GEN3 Mix A concrete (see note 10).
 (ii) HD Type Class B engineering bricks designation (i) mortar in English bond or
 (iii) Concrete bricks or blocks.
3. Finish to internal concrete to be F2 on formed surfaces and U2 on unformed surfaces.
4. Standard frame to have clear opening of 600 x 600 min.
5. Where chambers are constructed in existing carriageway or footway the brickwork support and frame bedding mortar shall be a proprietary mortar with a compressive strength exceeding 30 N/mm² in 3 Hrs. and tensile strength exceeding 5 N/mm² in 3 Hrs. Trafficking will not be permitted until a compressive strength of 20 N/mm² has been achieved.
6. The length of articulated pipe shall be as required by Table 5/6 of clause 507 at inlet and outlet.
7. For traffic sensitive roads, the Engineer may require the use of a proprietary polymer modified mastic asphalt system for installing the manhole cover and frame, to allow re-trafficking within 1 hour of completion.
8. Backfilling of catchpits should be in accordance with MCHW 507.7.
9. For further details refer to BS 1917 and 5911-3.
10. For further information refer to Standard Details Guidance Note drawing no. HSD/100/001
11. For concrete specifications and mix information refer to the Concrete For Ancillary Purposes Standard Specification drawing no. HSD/100/002.

DRAWING TITLE:
 Catchpits - Design Group C1 -
 Cover to Sump Up to 1m (Insitu Concrete, Brickwork and Blockwork)

SCALE: NTS

	DRAWN	CHECKED
INITIALS:	CS	MS
DATE:	12/01/2024	12/01/2024

DRAWING NO:

HSD/500/100

REV	AMENDMENTS	DRN	CHK'D	DATE

