

Notes:

- All dimensions are in millimetres unless shown otherwise.
- The chamber walls shall be constructed in either:
 (i) Insitu GEN3 Mix A concrete (see note 11).
 (ii) HD Type Class B engineering bricks with 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. The length of articulated pipe shall be as required by Table 5/6 of clause 507 at inlet and outlet.
- 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.
- 8. 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.
- Backfilling of catchpits should be in accordance with MCHW 507.7.
- 10. For further information refer to Standard Details Guidance Note drawing no. HSD/100/001
- For concrete specifications and mix information refer to the Concrete For Ancillary Purposes Standard Specification drawing no. HSD/100/002.

DRN CHCK'D DATE

INSITU CONCRETE DESIGN

SCALE: NTS

(Chamber walls may also be constructed in brickwork or blockwork, see note 2)

OXFORDSHIRE COUNTY COUNCIL

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Catchpits - Design Group C6 Cover to Sump greater than 4m (Insitu Concrete, Brickwork and Blockwork)

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RFV

HSD/500/145

AMENDMENTS