



**SECTION B-B  
PRECAST CONCRETE DESIGN**

**Notes:**

1. All dimensions are in millimetres unless shown otherwise.
2. Covers to catchpits to be positioned on side furthest from the carriageway where possible.
3. Standard frame to have clear opening of 600 x 600 min.
4. Finish to internal concrete to be F2 on formed surfaces and U2 on unformed surfaces.
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/mm<sup>2</sup> in 3 Hrs. and tensile strength exceeding 5 N/mm<sup>2</sup> in 3 Hrs. Trafficking will not be permitted until a compressive strength of 20 N/mm<sup>2</sup> has been achieved.
6. 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.
7. Backfilling of catchpits should be in accordance with MCHW 507.7.
8. For further information refer to Standard Details Guidance Note drawing no. HSD/100/001
9. For concrete specifications and mix information refer to the Concrete For Ancillary Purposes Standard Specification drawing no. HSD/100/002.
10. The length of articulated pipe shall be as required in Table 5/6 of clause 507 at inlet and outlet.



DRAWING TITLE:  
Catchpits - Design Group C2 -  
Cover to Sump Up to 2m (Precast Concrete)

SCALE: NTS

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

REV	AMENDMENTS	DRN	CHCK'D	DATE
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DRAWING NO:  
HSD/500/105