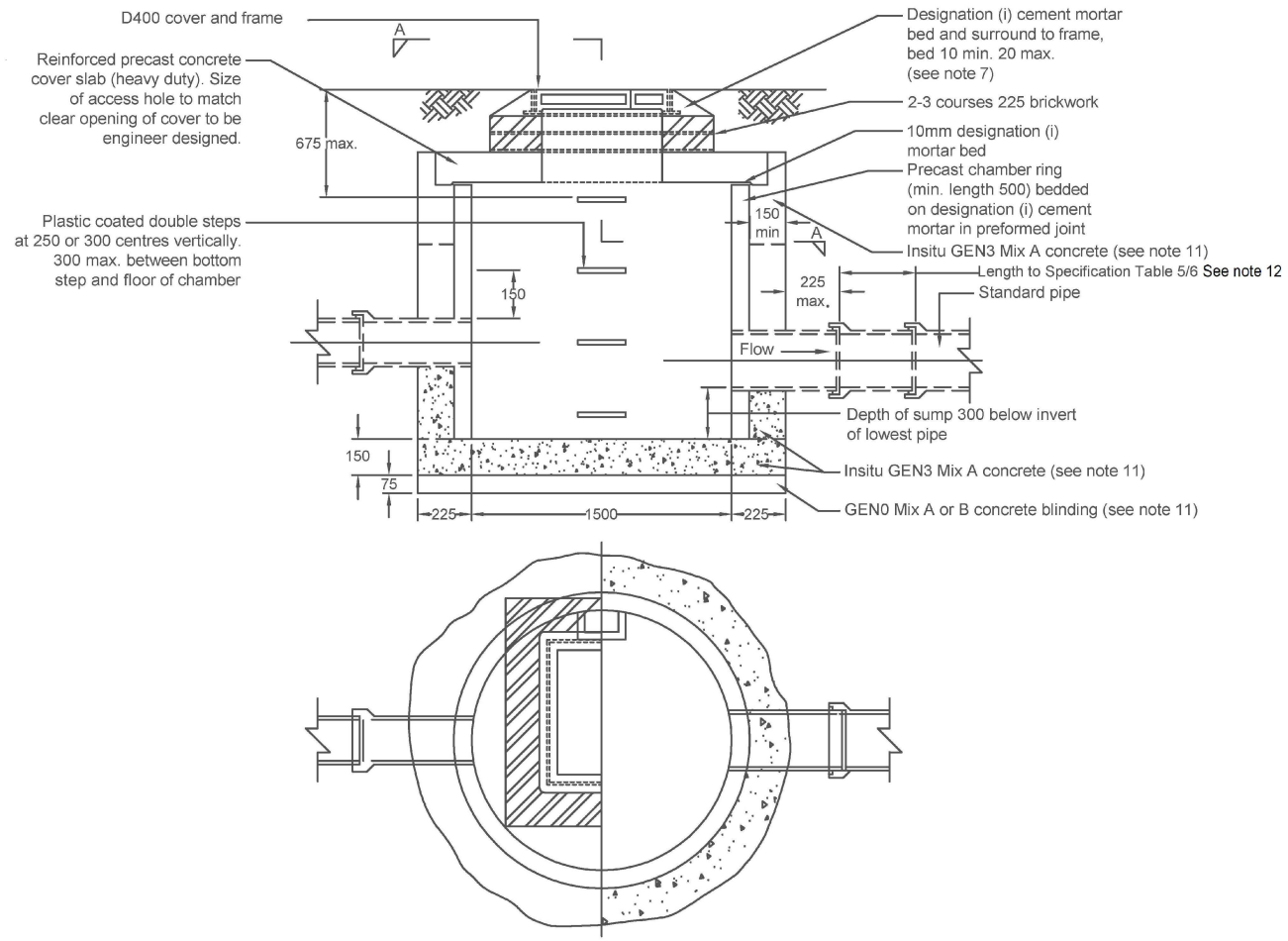

SECTION A-A PRECAST CONCRETE DESIGN

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 600x600 min.
4. Finish to internal concrete to be F2 on formed surfaces and U2 on unformed surfaces.
5. Chamber rings and cover slab to be constructed in precast concrete to B.S.5911-3 and B.S. EN 1917.
6. Where pipes are of 600mm dia. or greater a safety chain shall be provided across the ends of the pipe.
7. 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.
9. 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
11. For concrete specifications and mix information refer to the Concrete For Ancillary Purposes Standard Specification drawing no. HSD/100/002.
12. The length of articulated pipe shall be as required in Table 5/6 of clause 507 at inlet and outlet.

OXFORDSHIRE COUNTY COUNCIL

DRAWING TITLE:
Catchpits - Design Group C4 -
Cover to Sump Up to 4m (Precast Concrete)

REV	AMENDMENTS	DRN	CHCK'D	DATE

SCALE: NTS

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

DRAWING NO:
HSD/500/120