

NOTES

This catchpit is for use where
1. Depth to base $\leq 3.3\text{m}$.

All dimensions in millimetres.

75mm depth mix ST4 blinding concrete to be provided under base.

Catchpit base to be cast insitu, in mix ST4 concrete. Finish shall be smooth, to Class U3.

Pipes to be built into walls flush with inside face, and with the provision of a single ring brick relieving arch or a concrete lintel where pipe dia. exceeds 225mm.

For all pipes except corrugated, the nearest joint shall form part of an articulated section and be not more than 500mm from the inner face of the wall.

Walls to be HD type Class B clay engineering brick to BS.EN.771-1:2003, 225mm thick.

Step irons with a stand off length of 120mm to be to BS.EN.13101:2002.

The access position may be altered with the Project Manager's approval to suit the pipe layout within the catchpit.

Concrete in roof slab to be Class C32/40 with 20mm aggregate.

Minimum cover to roof slab reinforcement to be 40mm. End and side cover to be 40mm. Steel reinforcement to be high yield.

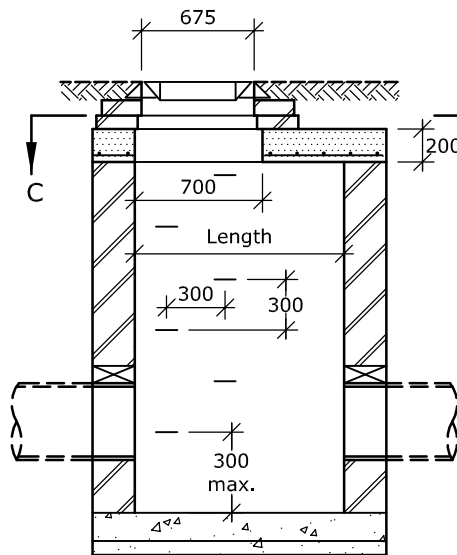
1 to 3 courses of HD type Class B clay engineering brick to BS.771-1:2003 or concrete bricks to BS.EN.771-3 & 2:2003 to be provided to adjust final level of catchpit cover.

Catchpit cover to be as billed. In the carriageway, cover and frame to be to BS.EN.124:1994 Class D400. In other locations cover and frame to be to BS.EN.124:1994 Class B125.

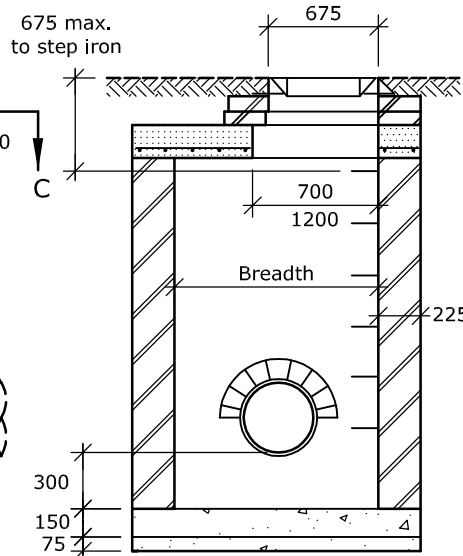
All mortar to be designation (i) except in the carriageway where the cover frame shall be bedded on epoxy resin mortar.

MH Type No.	Chamber length mm	Chamber breadth mm
1	1125	900
2	1125	1200
3	1350	1350

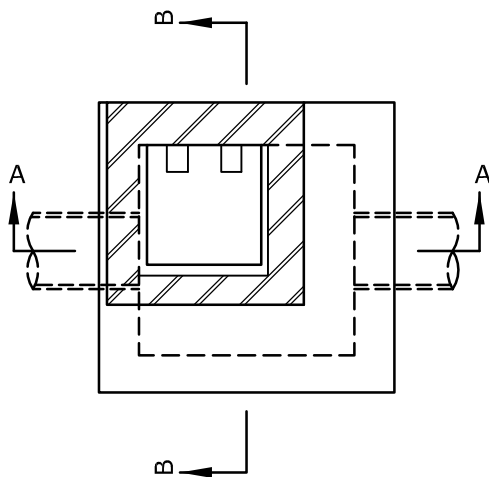
Depth to base	Access size mm	Chamber size (minimum) mm
$\leq 2\text{m}$	1200 x 675	1125 x 1200
2m - 3.3m	675 x 675	1125 x 900



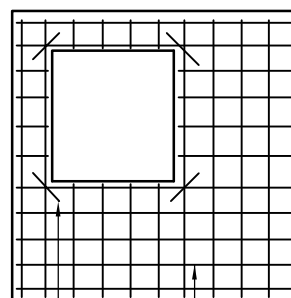
SECTIONAL ELEVATION AA



SECTIONAL ELEVATION BB



SECTIONAL PLAN CC



4 No.8mm.dia.bars 250mm. long
16mm.dia.H.Y.bars at 150mm.cts. both ways

SLAB REINFORCEMENT DETAIL