

Flow Control Notes

- Other types of proprietary vortex flow control devices have different sump configuration, always consult manufacturer prior to construction/installation.
- The concrete manhole base and benching is to be resistant to attack by sewage environment.
- Warning signs are to be installed in this manhole, in any upstream manholes/headwall and in any downstream manholes/headwalls.
- The warning signs are to be 40mm high red lettering on a white plastic base. The plastic base dimensions are to be approx. 300mm x 300mm x 6mm
- The warning sign is to be mounted on a removable safety grid available from the cover & frame manufacturer.
- The sign in this manhole is to read: 'Caution - Hydrobrake in this manhole'
- A sign must be fitted in/on all upstream manholes or headwalls to read: 'Caution -Hydrobrake downstream'
- A sign must be fitted in/on all downstream manholes or headwalls to read: 'Caution - Hyrobrake upstream'

Concrete Notes

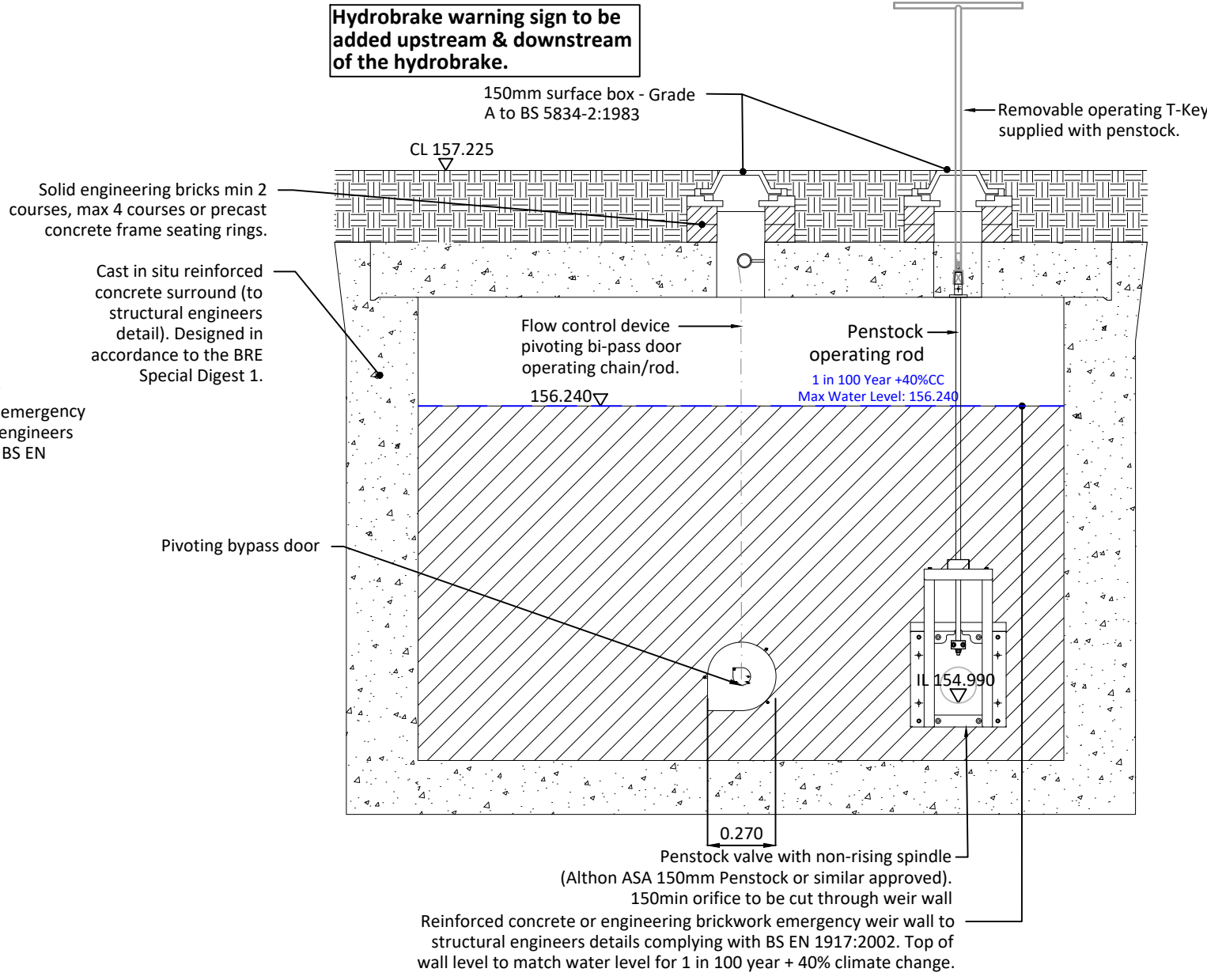
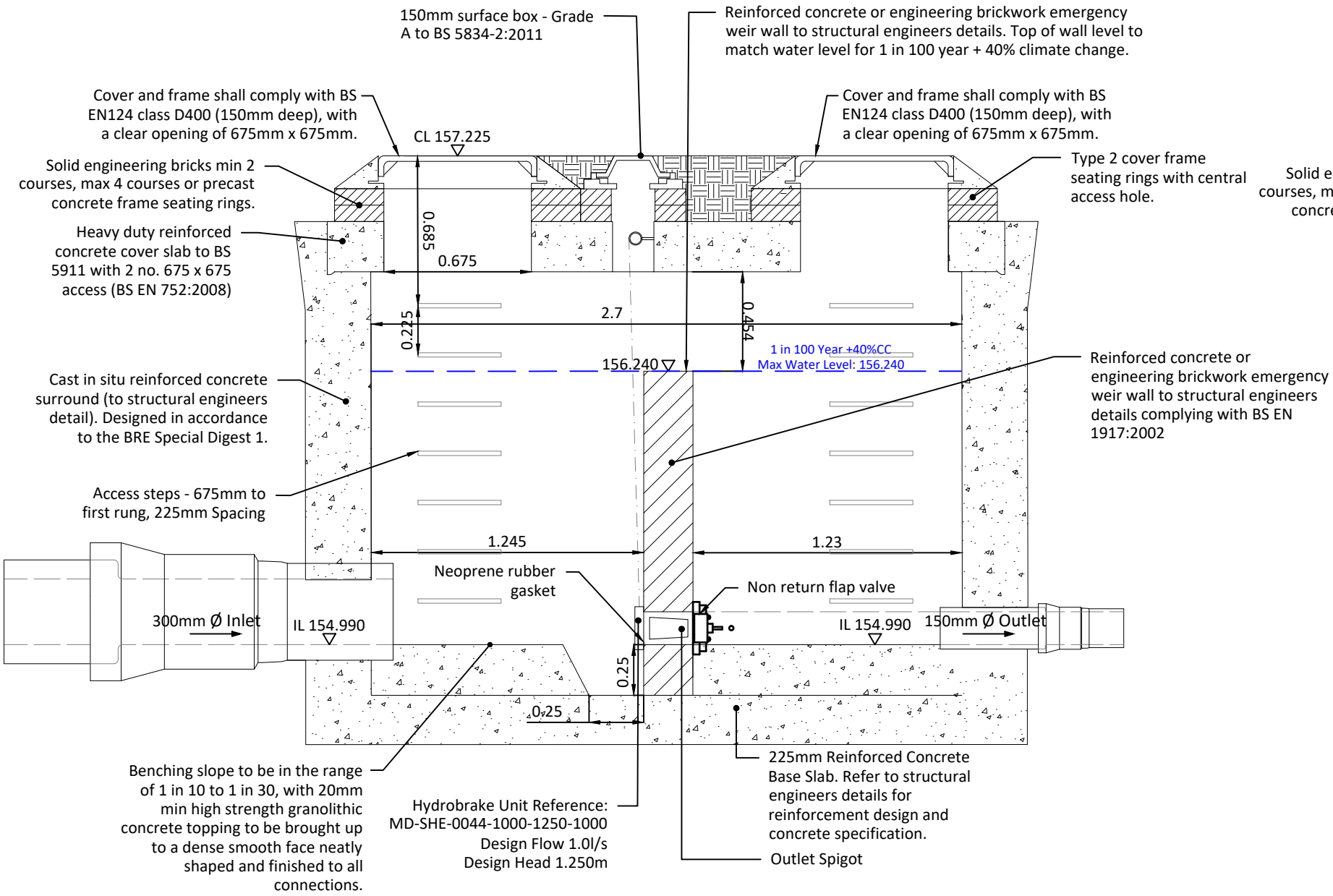
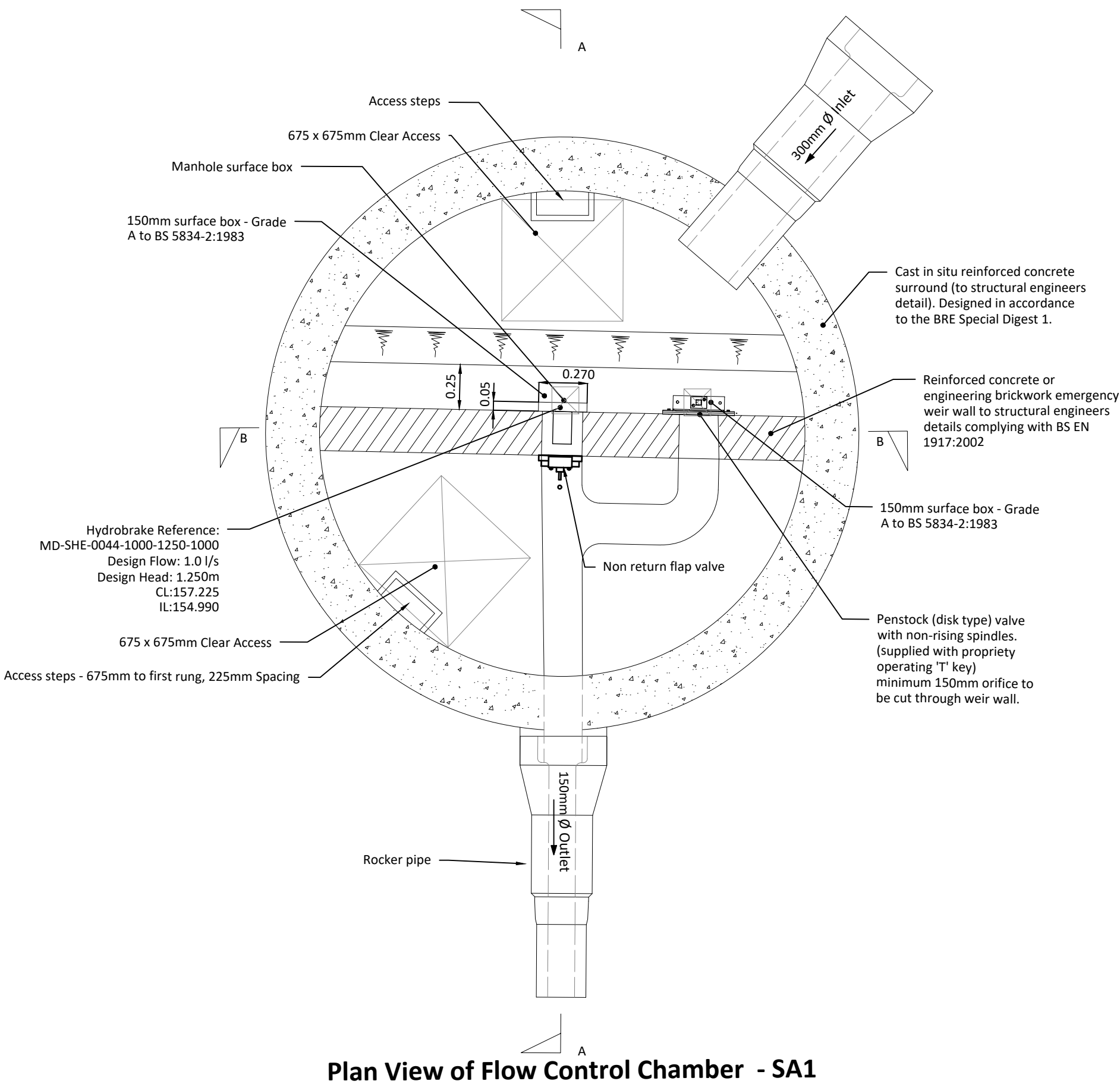
- The concrete mix requirements for specific elements are as shown on the relevant details.
- All designated mixes shall be produced in accordance with the relevant clauses of BS EN 206-1:2000/ BS 8500-2:2016 and shall be placed, compacted and cured in accordance with BS EN 13670:2009 Execution of Concrete Structures.
- The execution of all concrete works shall be in accordance with the current BS EN 13670:2009.
- The concrete shall be supplied from a plant whose quality control system has third party accreditation for product conformity.
- The Contractor shall provide the Engineer with written details of all materials and their sources, together with the mix design(s) prior to any concreting works being carried out.

General Notes

- All dimensions are in metres unless otherwise stated.
- All levels are in metres.
- This drawing is to be read in conjunction with all relevant Engineers and Architect's drawings, Specifications, Reports and Engineering Details.
- Do not scale from this drawing.

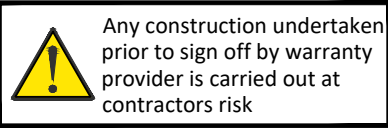
Concrete pour and weir wall construction to be undertaken in 450mm increments to prevent failure

Structural Engineer's input required for design



Rev	D	Updated to show Construction status	By OW	Checked JTJW	21.01.2025
Rev	C	Flap valve added	By PW	Checked JTJW	25.11.2024
Rev	B	Kenon trap detail removed	By PW	Checked JTJW	25.11.2024
Rev	A	Updated to show Tender status.	By MR	Checked PW	11.11.2024

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Project Proposed Residential Development Police Row Therfield	Title Flow Control Chamber Details
Scale at A1 NTS Drawn by MR Checked by PW Date September 2024	Status CONSTRUCTION Project ref 28613 Drawing no. 114 Revision D



Any construction undertaken prior to sign off by warranty provider is carried out at contractor's risk.