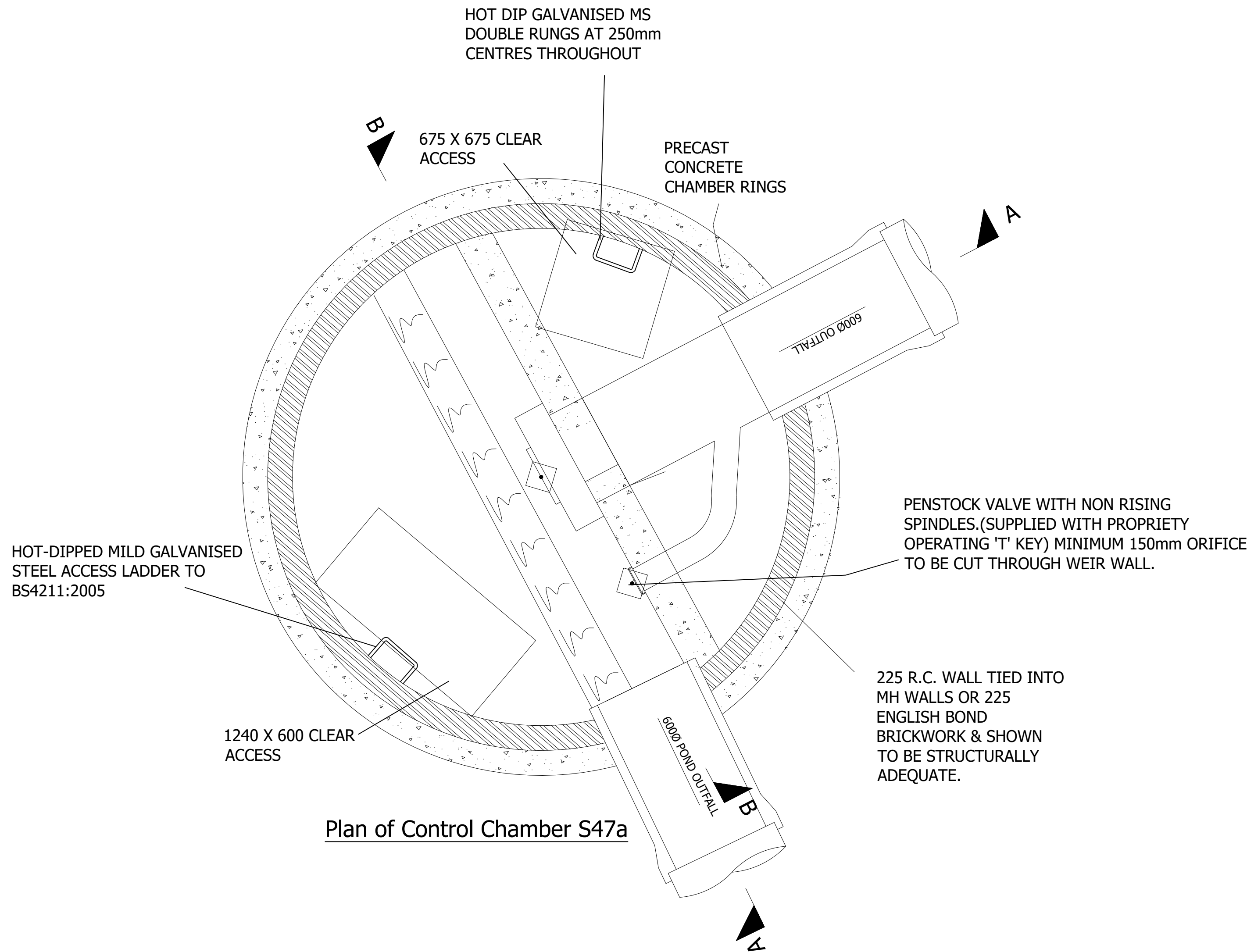


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HYDROBRAKE - MH S47a
DESIGN HEAD= 1.500m FLOW RATE 5.0 l/s
HYDRO INTERNATIONAL MODEL -
CTL-SHE-0106-5000-1000-5000

THE BENCHING ON THE DOWNSTREAM SIDE OF THE WEIR IS TO BE LEFT OUT TO FORM A CATCHPIT AND A TEMPORARY GRILLE FITTED OVER THE OUTGOING PIPE DURING CONSTRUCTION TO PREVENT DEBRIS FROM ENTERING THE PUBLIC SEWER SYSTEM.

TO BE CONSTRUCTED GENERALLY IN ACCORDANCE WITH MANHOLE TYPE B.

CONCRETE REINFORCEMENT DETAILS NOT SHOWN HERE. REFER TO SEPARATE DETAILS DRAWING.

HYDROBRAKE TO BE FITTED PRIOR TO MANHOLE COVER SLAB BEING CONSTRUCTED.

WARNING SIGNS

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.

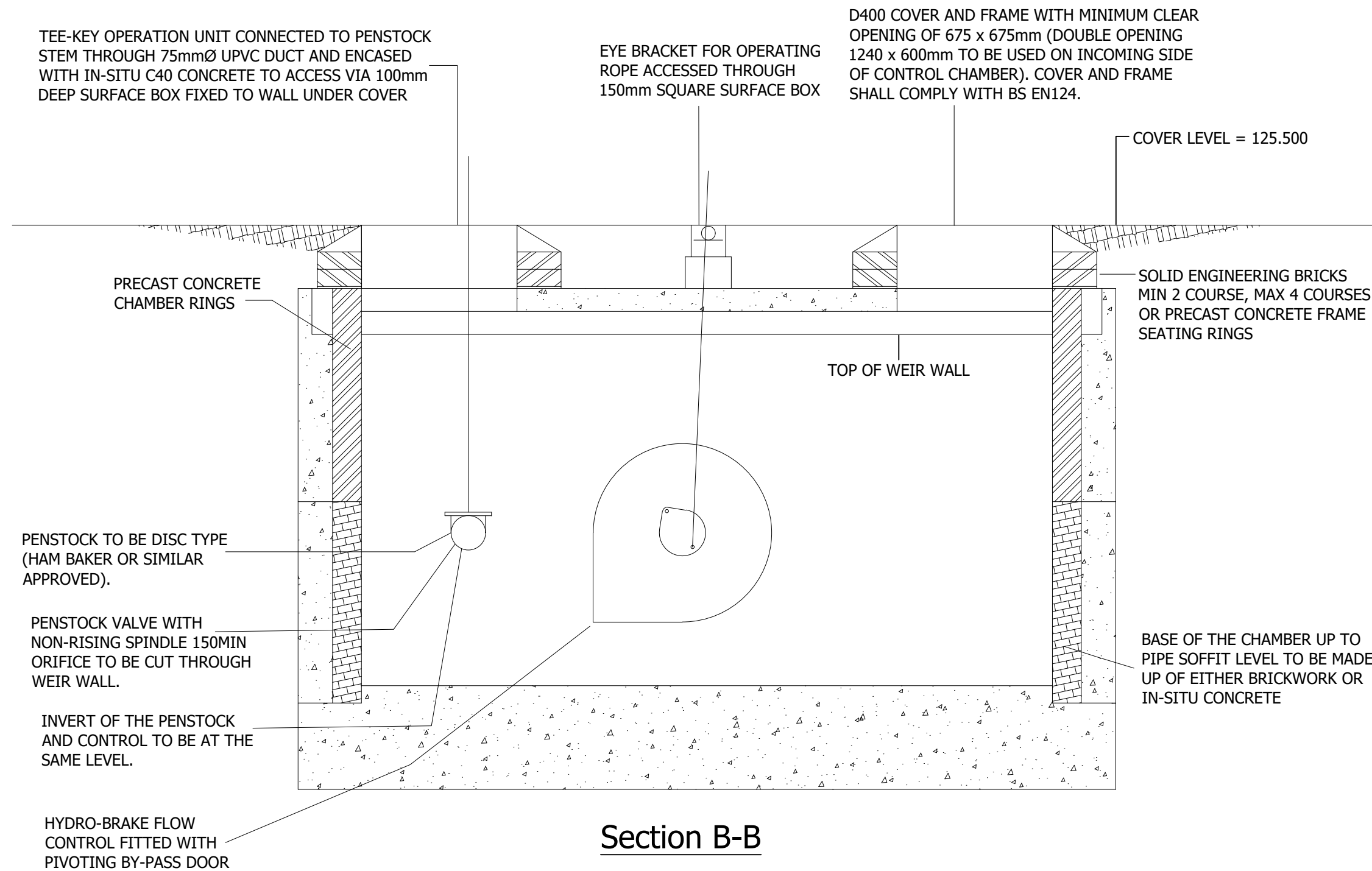
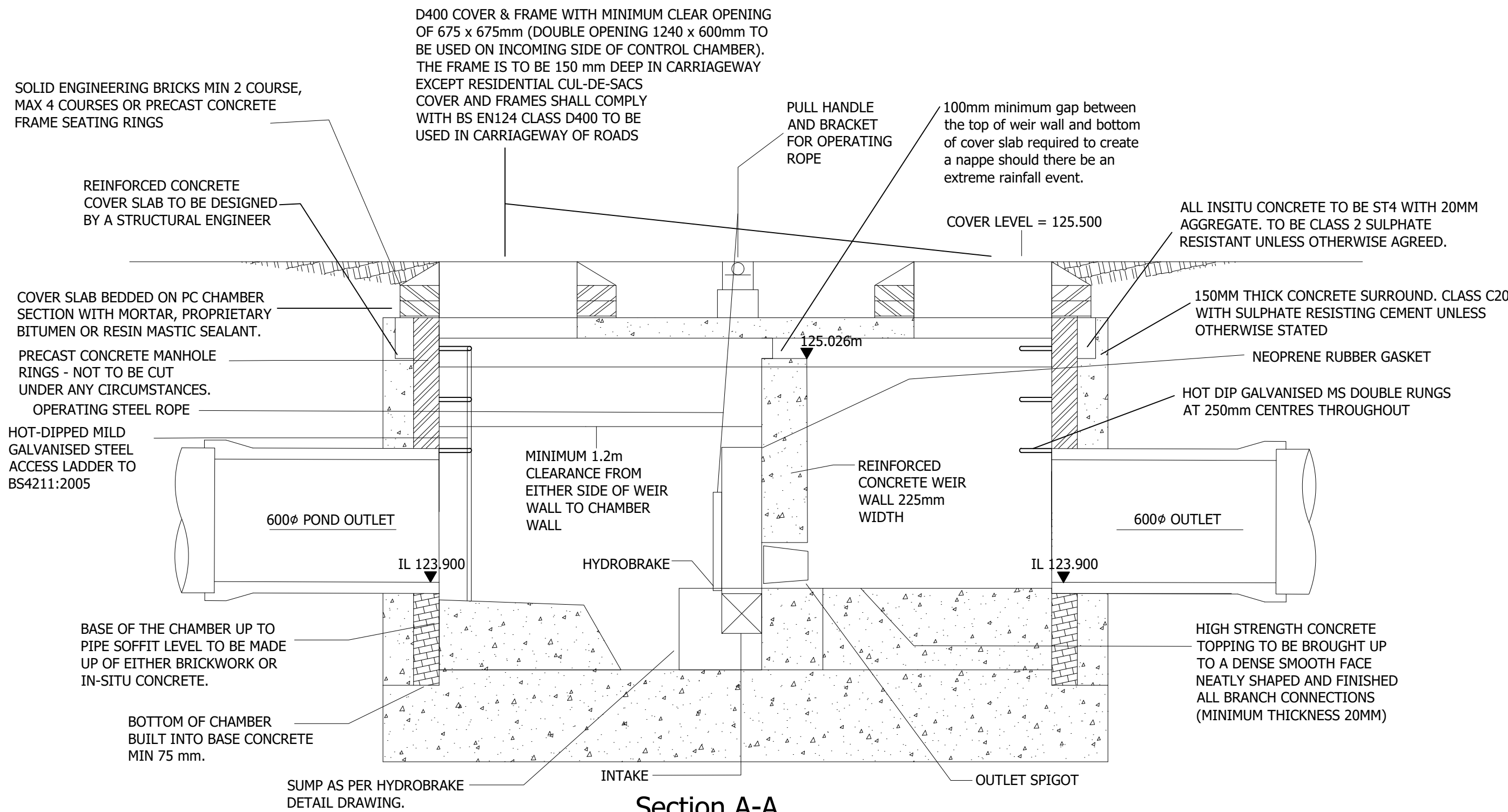
THE BASE IS TO BE RESISTANT TO ATTACK BY SEWAGE ENVIRONMENT.

THE WARNING SIGN IS TO BE MOUNTED ON A REMOVABLE SAFETY GRID AVAILABLE FROM COVER MANUFACTURER.

THE SIGN IN FLOW CONTROL CHAMBER IS TO READ 'CAUTION - HYDROBRAKE LOCATED HERE.'

A SIGN MUST BE FITTED IN THE UPSTREAM MH TO READ 'CAUTION - HYDROBRAKE DOWNS STREAM.'

A SIGN MUST BE FITTED IN THE DOWNSTREAM MH WHICH READS 'CAUTION - HYDROBRAKE UP STREAM.'



REV	DESCRIPTION	DATE	BY	AUTH
A	UPDATED TO SUIT SEVERN TRENT CONTROL CHAMBER DETAILS WITH WEIR WALL.	08.04.25	CL	TW



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CLIENT
PERSIMMON HOMES

PROJECT
**BRASCOTE LANE, NEWBOLD
VERDON**

TITLE
**CONTROL CHAMBER S47a
DETAILS**

DRAWN	AUTHORISED	SCALE	DATE
CL	TW	1:20-@A1	24.03.25

PROJECT NO.	DRAWING NO.	REV
23042	332	A

STATUS.
PRELIMINARY