

FLOW CONTROL MANHOLE S4023

FLOW RATE=7.1 l/s
HYDRO-BRAKE TYPE=SHE-0117-7100-1500-7100

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 A (3.0m ϕ).

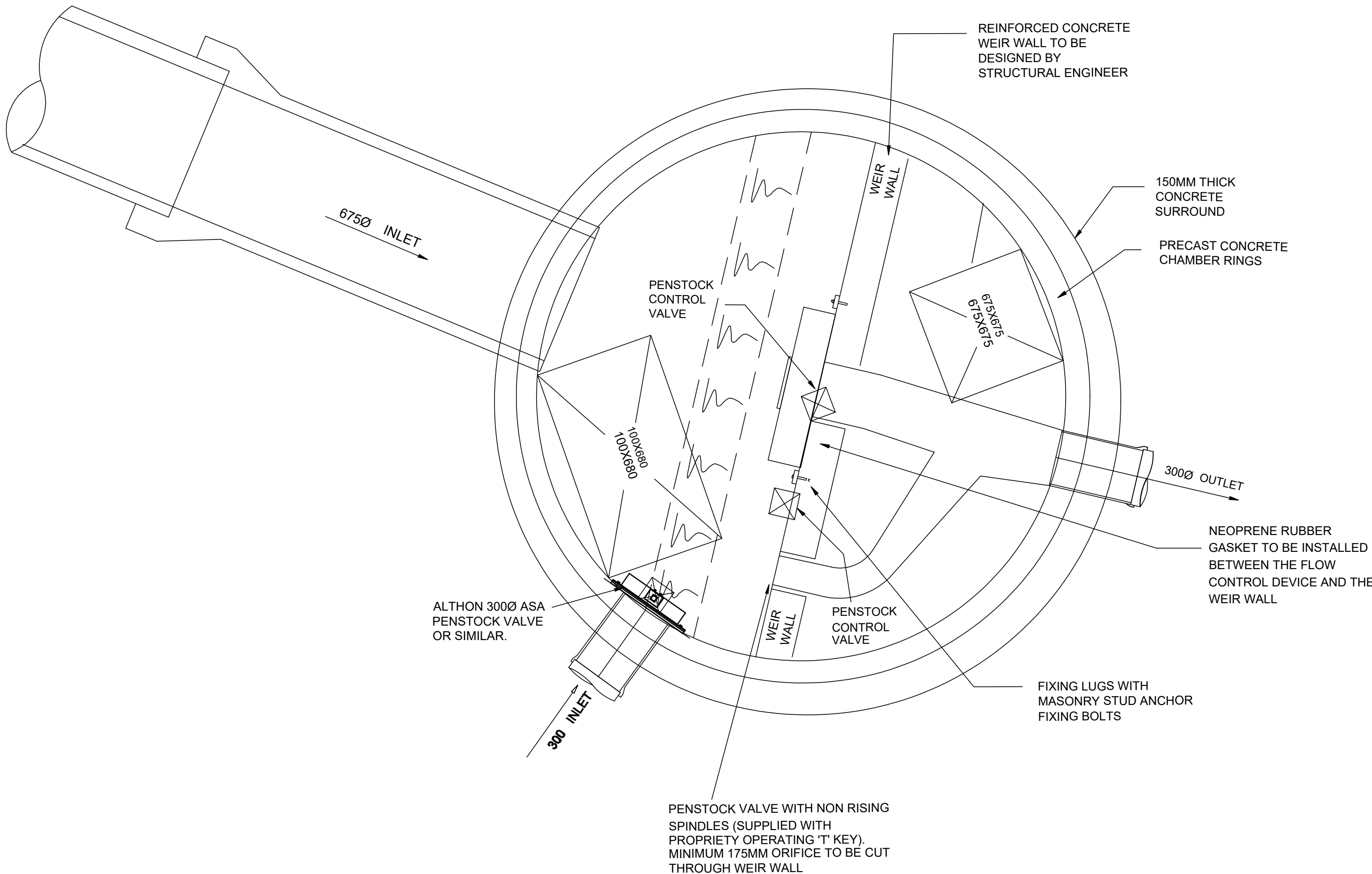
A STRUCTURAL ENGINEER IS TO DESIGN THE BASE, COVER AND WEIR WALL AND CHECK FOR FLOATATION.

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

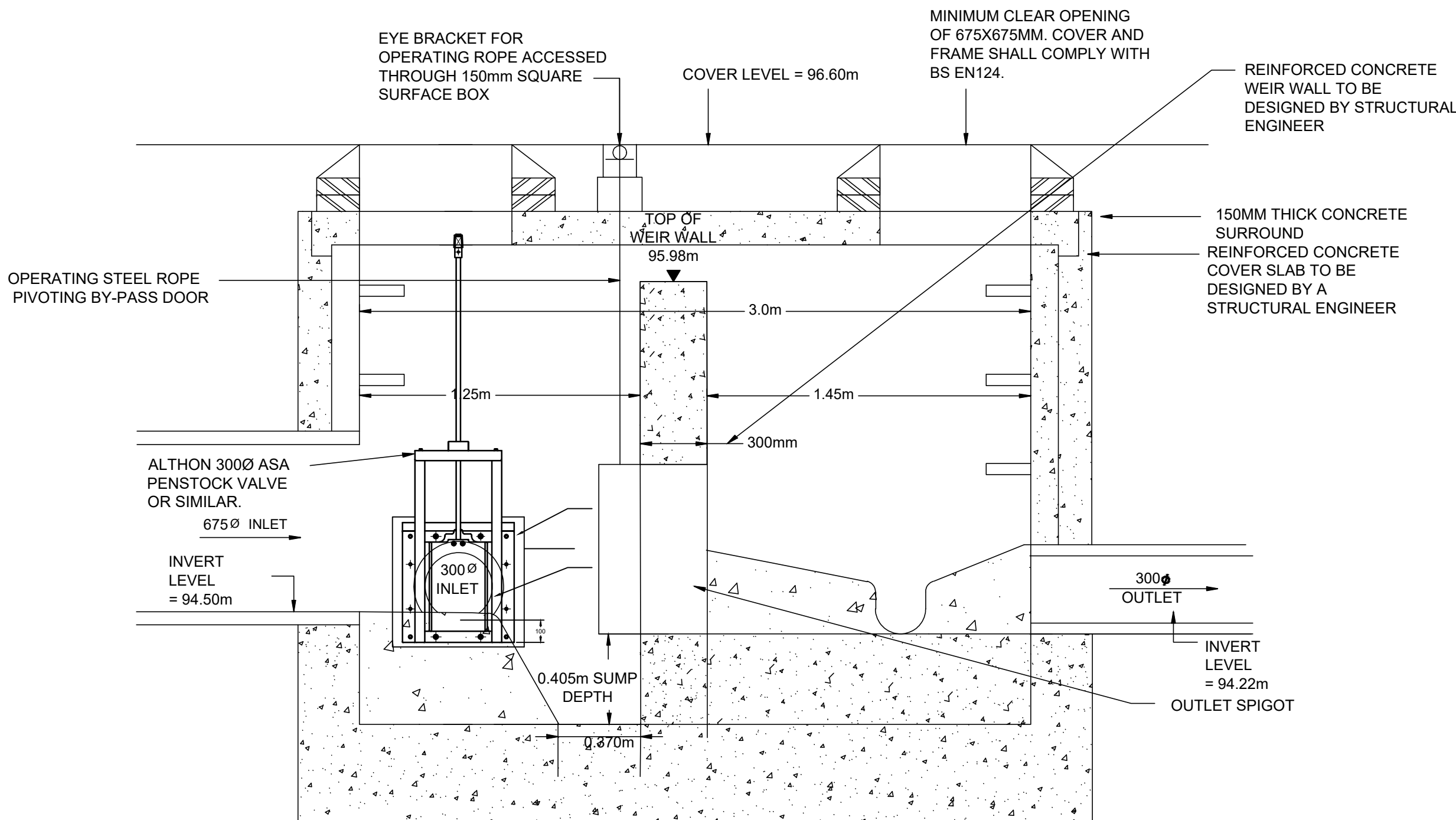
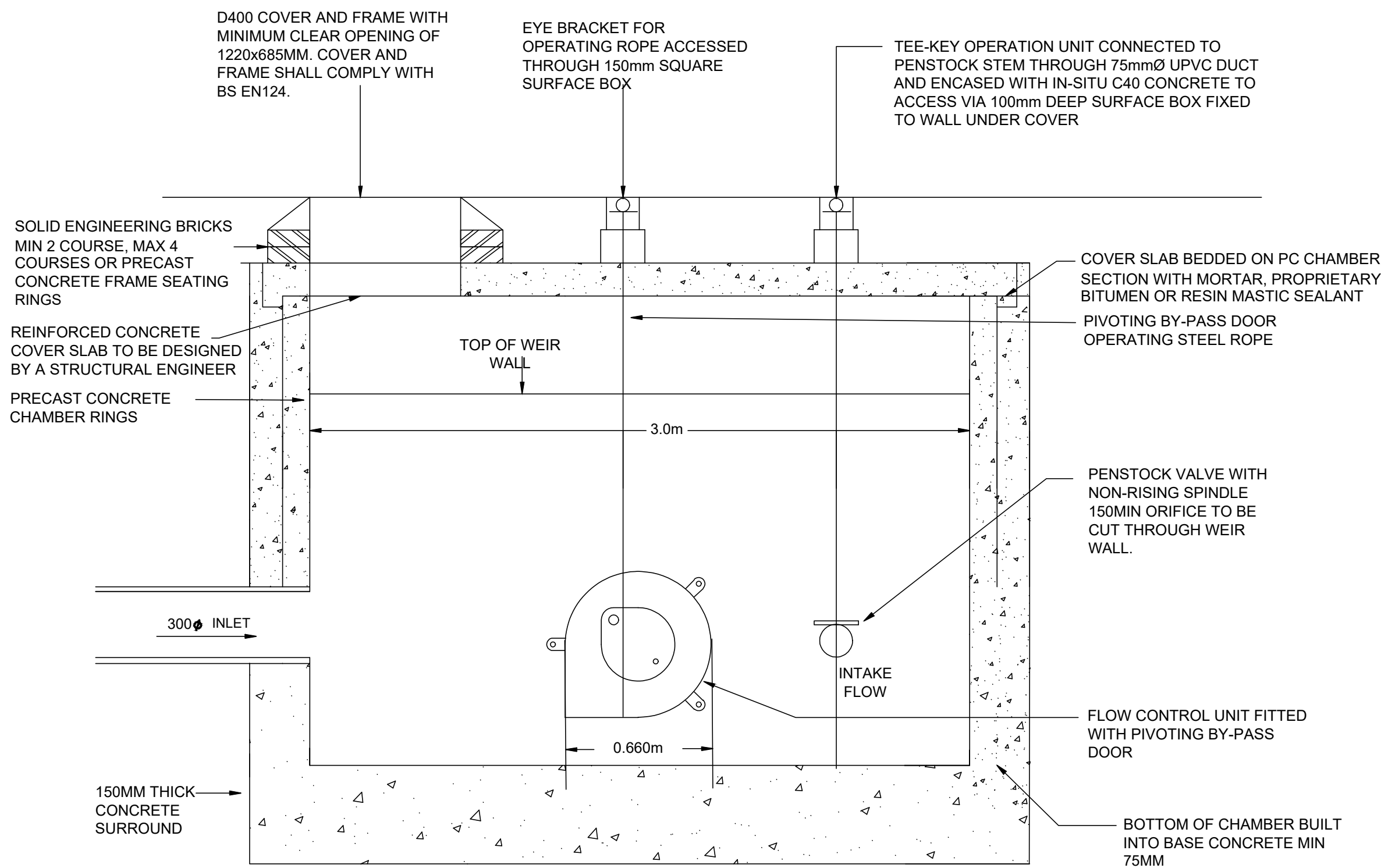
INVERT OF THE PENSTOCK & CONTROL TO BE THE SAME LEVEL.

THE BASE OF THE CHAMBER TO PIPE SOFFIT LEVEL TO BE CAST IN-SITU CONCRETE OR ENGINEERING BRICKWORK, TO ENSURE CONCRETE RINGS ARE NOT CUT AROUND INCOMING / OUTGOING PIPES.

WARNING SIGNS MUST BE PROVIDED.



- Notes**
1. All sewage offered for adoption is to be constructed in accordance with Sewer for Adoption 6th Edition and the requirements of the Undertaker.
 2. All cement used in sewerage is to be sulphate resisting.
 3. All measurements in millimeters.
 4. Any manhole or flow control chamber where depth from cover level to pipe soffit is more than 3m will require a vertical galvanised mild steel access ladder and 230mm clearance from the wall to the ladder. In addition, double encapsulated step rungs are required for manholes that are less than 3m deep.



Revision

Proposed Development at
Normandy Way
Hinckley

Control Chamber
S4023
DATE: SCALE 14.11.18
NTS @ A1

DRAWN: NE
CHECKED: