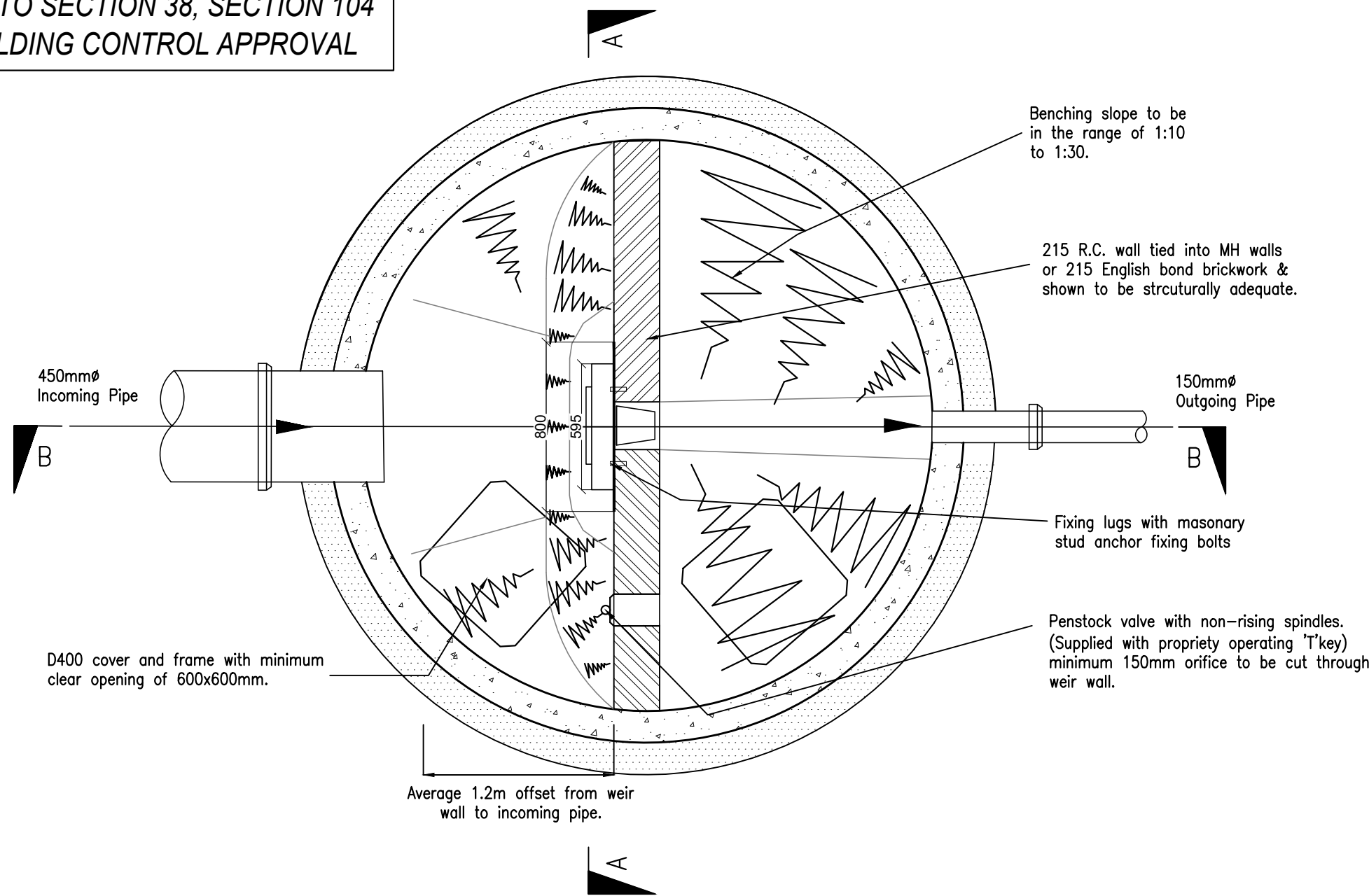
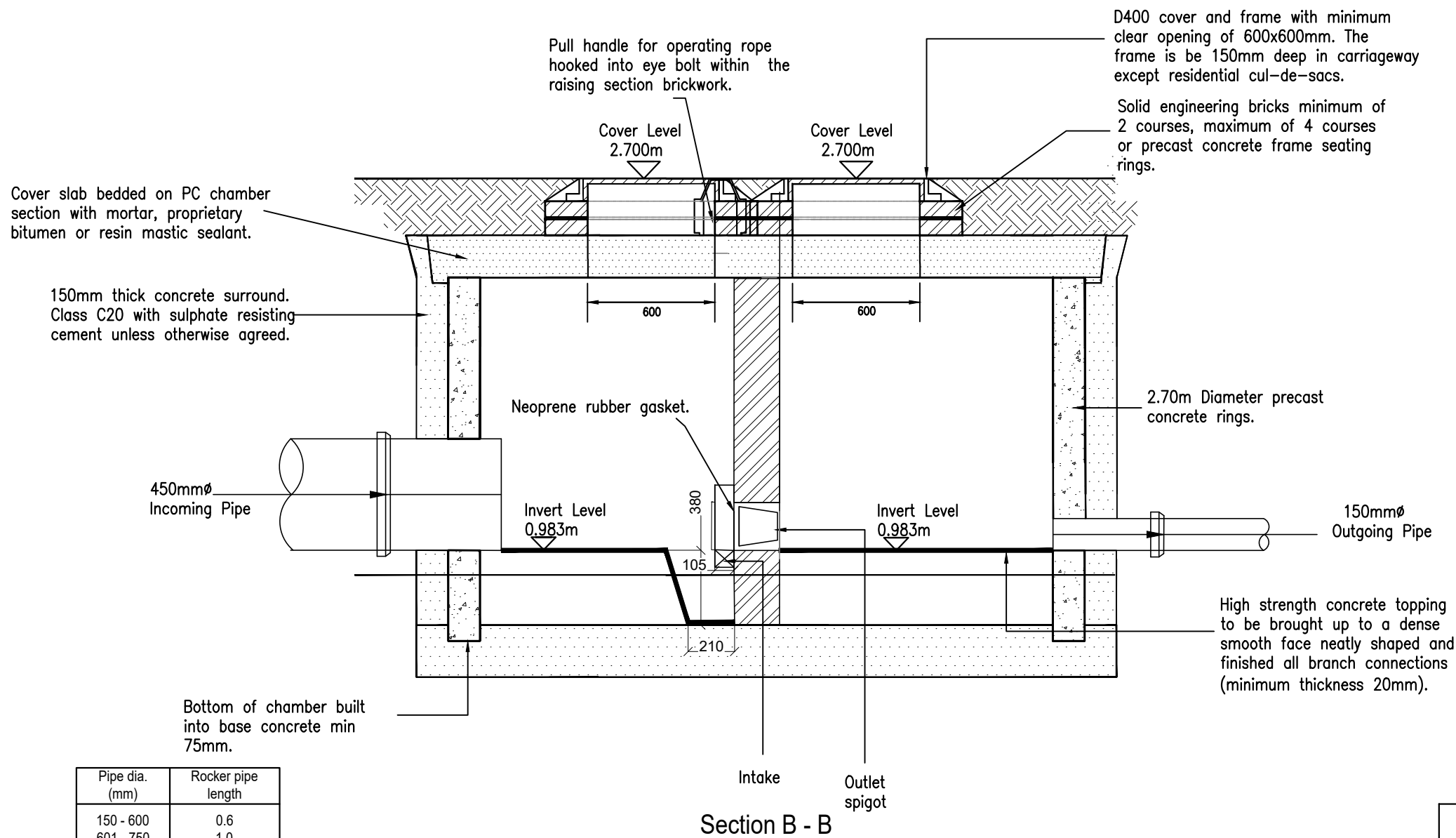


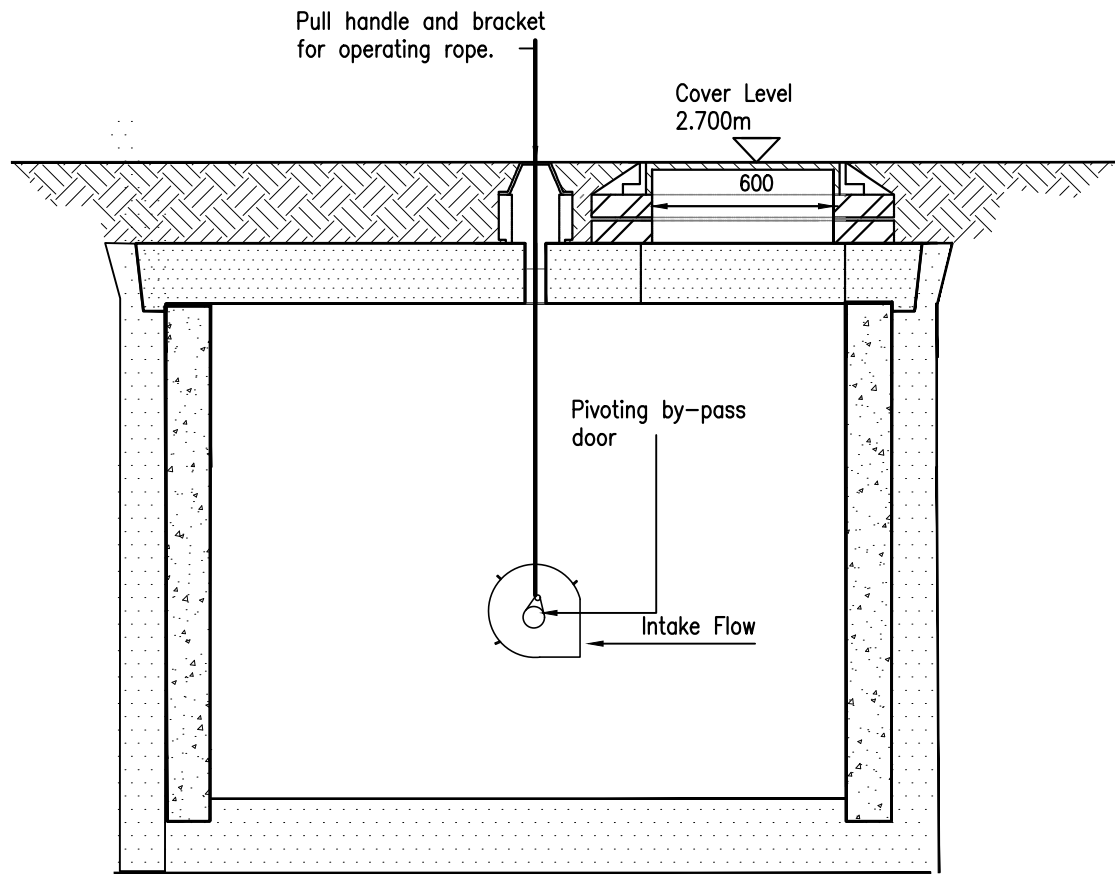
SUBJECT TO SECTION 38, SECTION 104
AND BUILDING CONTROL APPROVAL



Plan of Control Chamber



Section B - B



Section A - A

Note: Use of any other flow control device not associated with the Hydro International reference SHE-0098-5000-1500-5000 may constitute a flood risk and the Engineer should be contacted to check if an alternative device will work with the design model

Hydrobrake to restrict flow to 5l/s based on 1.50m head, hydrobrake to be a MD-SHE-0098-5000-1500-5000 by Hydro International or similar approved

Notes:

General

- All dimensions are in mm unless stated otherwise.
- No works shall commence on site until all relevant technical approvals are in place and agreed in writing with the appropriate approval body, any works implemented prior to approval is at risk and is the responsibility of the Principal Contractor.
- All adoptable drainage works shall comply with Sewers for Adoption 6th Edition and any Anglian Water amendments to that document.
- Under any circumstances, the cutting of precast manhole ring should be avoided. Construction process and precast rings should be selected accordingly.

Materials

- All chamber covers and frames shall be heavy duty ductile iron, kitemarked and compliant with BS EN 124. All covers used in areas with vehicle access to be D400 classification and B125 in pedestrian areas.
- All precast concrete chamber rings, covers slabs and seating rings to conform with BS EN 1917 and BS 5911-3 and shall be installed in accordance with the manufacturer's recommendations and guidance.
- The high strength concrete topping as shown on this drawing shall be a granolithic concrete complying with the relevant provisions of BS 8204-2.
- All insitu concrete specified on this drawing shall be compliant with BS EN 206 and BS 8500.
- For requirements respective to root protection to pipe lines, refer to the Landscape Architect's drawings.
- All materials to be BS kitemarked
- This drawing to be read in conjunction with Anglian Water Standard Detail Drawing No. DS-SFA-001 rev C

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing. Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
P3	25.07.23	Drawing updated to Client comments	MS		
P2	29.06.23	Updated to latest drainage design	PO	MS	
P1	31.07.19	FIRST ISSUE	JW	MAR	

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Client
Allison Homes

Project Title
Moulton Chapel Spalding

Status
DETAILED DESIGN

Drawing Title
Hydrobrake Details

Drawn	Date	Checked	Date	Approved	Date
JW	July 19	MAR	July 19		

Scale	Orig Size	Dimensions
N.T.S	A2	

Project No.	Drawing File
881565	

Drawing No.	Rev.
40-06	P3